GOLDEN QUEEN MINING COMPANY INC.

SOLEDAD MOUNTAIN PROJECT MOJAVE, KERN COUNTY, CA.

Conditional Use Permit Application Environmental Information Surface Mining Reclamation Plan and Plan of Operations

FEBRUARY 1996

VOLUME III



WZI Inc. 4700 Stockdale Hwy., Suite 120 Bakersfield, California 93309



APPENDIX VIII

METEOROLOGICAL DATA SUMMARY APRIL - JUNE 1990 SOLEDAD MOUNTAIN PROJECT

Prepared for Noranda Mining Corporation Lakewood, CO

> Prepared by Jeffrey N. Herring Air Sciences Inc. Lakewood, CO

Project No. 58-07 August 1990

Table of Contents

1.0 INTRODUCTION	1
1.1 Location	1
1.2 Program Description	1
1.3 Data Recovery	ו
2.0 METEOROLOGICAL DATA SUMMARY	2
2.1 Winds	2
2.2 Temperature	5
The second secon	9

List of Tables

1	DATA RECOVERY RATES	Δ
2	FREQUENCY OF WINDS BY DIRECTION AND SPEED	7
3	FREQUENCY OF WINDS BY DIRECTION AND STABILITY	7
4	MONTHLY TEMPERATURE MEANS AND EXTREMES	9

List of Figures

1	GENERAL PROJECT LOCATION	2
2	WIND FREQUENCY DISTRIBUTION	8

1.0 INTRODUCTION

This report summarizes 3 months of meteorological data collected near Soledad Mountain in the Mojave Desert of Kern County, California for Noranda Mining Corporation near a proposed openpit mining project known as Soledad Mountain Project. Data for this report was collected from April 1, through June 30, 1990. This report summarizes the third quarter of the monitoring program which began on September 29, 1989. Monitoring was performed in accordance with "Sampling Protocol, Golden Queen Mine Project, Mojave, California," (Air Sciences Inc., October, 1989). The purpose of the monitoring was to collect dispersion meteorological data to be used in dispersion modeling and to collect climatological values.

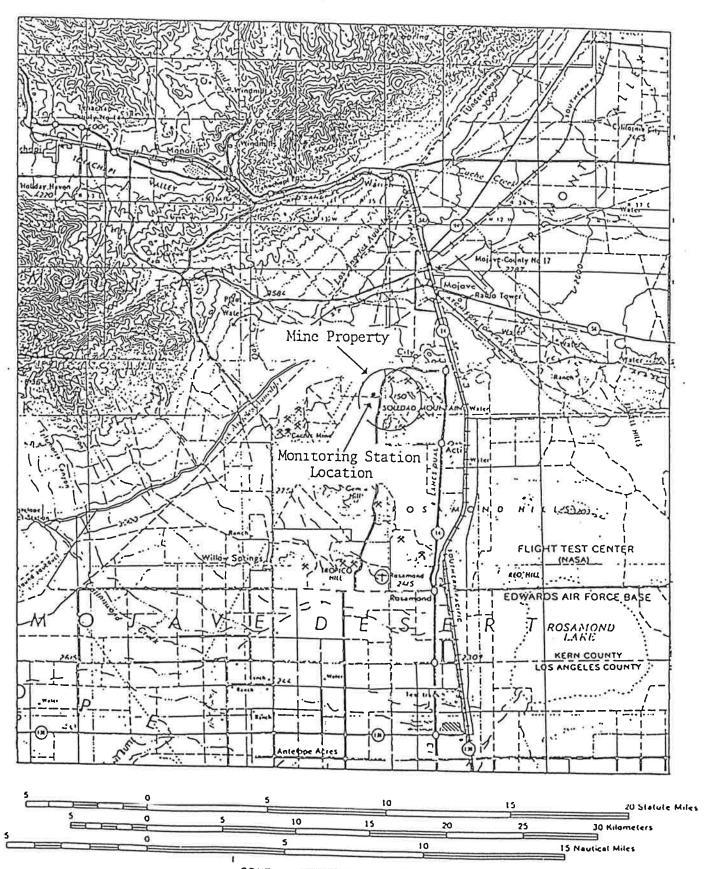
1.1 Location

The Soledad Mountain monitoring station is located on the plains west of Soledad Mountain in the Mojave Desert of southeastern Kern County, California The site is approximately 12 miles northwest of Rosamond Lake and 5 miles south southwest of the town of Mojave. The mine pit and waste dumps will be located on the western side of Soledad Mountain, just east of the Mojave-Tropico Road. The monitoring station will be located approximately one-quarter mile west of Mojave-Tropico Road and west of the proposed pits and tailings dumps. The station will be located on the desert plain at a lower elevation than the proposed pits and dumps in an area where the meteorological data should define the wind patterns that will carry pollutants toward residential areas. The station will be at an approximate elevation of 2,850 feet MSL at UTM coordinates 3,871 km north and 389 km east (the southwest quarter of Section 1, T 10 N, R 13 W). Vegetation is sparse in this part of the Mojave Desert Basin and consists of sagebrush and widely scattered Joshua trees. The monitoring location is shown on Figure 1.

1.2 Program Description

The parameters of wind speed, wind direction, direction deviation (sigma theta) and temperature are measured and recorded at the single monitoring location. The wind parameters

FIGURE 1 GENERAL PROJECT LOCATION



CONTOUR INTERVAL 200 FEET WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

were measured by sensors mounted atop a 10-meter meteorological tower. Temperature was measured by a sensor located in an aspirated shield at the 2-meter level on the tower.

The meteorological data are sampled every 10 seconds by a digital Data Acquisition System (DAS) and processed and stored in 15-minute average format and as 8-hour wind speed maximum and frequency distribution data. The DAS digitally stores sine and cosine of wind direction, wind speed, and temperature on a time-averaged basis. The 15-minute and 8-hour data are regularly transferred by mail to Air Sciences Inc. (Air Sciences) for processing and archiving. Environmental Protection Agency (EPA) methods are used to process the 15-minute data into hourly averages of wind speed, wind direction, wind direction deviation (sigma theta), and temperature as suggested in "On-Site Meteorological Program Guidance for Regulatory Modeling Applications," (EPA-450/4-87-013, Sections 6.0-6.4). Processing of the 8-hour data is performed by the DAS prior to the recording of the data onto the solid-state memory module.

Calibrations of the monitoring equipment are performed in accordance with the sampling protocol. Equipment calibration and audit procedures, as well as procedures used for data quality assurance, are based on EPA guideline documentation and are fully described in the monitoring plan. Calibrations were performed during the second quarter of 1990 on May 15, 1990 and records of these calibrations are presented in Appendix A.

1.3 Data Recovery

Data recovery rates for all parameters during this quarter are presented in Table 1. Recovery was 81 percent for all meteorological parameters except for temperature which had a recovery rate of 100 percent. Data recovery rates for this quarter of data collection were affected by an act of vandalism that occurred on April 28, 1990 resulting in about 17 days (409 hours) of invalid wind speed, wind direction, and wind direction deviation data. Temperature data was unaffected. The monitoring station was repaired and wind parameter data collection resumed on May 15, 1990. The EPA recommended average rate of recovery for meteorological sampling, stated as an annual average, is 90 percent. For the 9 months of monitoring since station installation overall data recovery is 94 percent for all parameters except temperature which is 100 percent.

TABLE 1

DATA RECOVERY RATES

SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA

APRIL - JUNE 1990

	Quarterly	Overall
	(%)	(%)
Wind Speed	81	94
Wind Direction	81	94
Sigma Theta	81	94
Temperature	100	100

2.0 METEOROLOGICAL DATA SUMMARY

The meteorological parameters were sampled every 10 seconds and digitally processed into 15-minute averages. The 15-minute averages were transmitted to Air Sciences for quality assurance checks and to be used as input for the calculation of 1-hour averages. All summary data presented in this section was produced by the processing of hourly averaged data into tables of summary statistics and AIRS format tables. The meteorological values of wind speed, wind direction, and temperature, collected during the quarter are presented as hourly averages in AIRS format by month for each parameter in Appendix B.

2.1 Winds

The wind frequency distribution by direction and speed for all atmospheric stability classes shown as Table 2 and Figure 2 (wind rose diagram) shows that the highest frequency of winds was from the northwest accounting for over 41 percent of the total winds. The highest wind speeds were also from the northwest at an average of 17.6 knots (20.2 mph). These northwesterly winds are much higher in speed than the speeds of the other directions. The overall mean wind speed for the quarter was a moderate 13.1 knots (15.1 mph). There were no calm (less than 1 knot) winds recorded. The frequency distributions by direction and speed for each stability class, A through F, are included in Appendix C.

Appendix D contains one table for each month of data collection and displays daily wind speed frequency distributions (histograms). Each table contains the average daily percentages of winds in each wind speed category for each day of the month with a maximum wind gust for the day and a record of the time period in which the maximum wind gust occurred. Time period 1 is defined as the hours of midnight to 8 a.m., period 2 is the hours of 8 a.m. to 4 p.m., and period 3 equals the hours of 4 p.m. to midnight. Frequency distributions were recorded for each 8-hour time period from 10-second wind speed data. These 8-hour histograms were processed by Air Sciences into daily average histograms. The maximum wind gust for the quarter occurred on April 23, 1990 during time period 3 and was 62.7 mph. There were two days with high percentages of average wind speeds greater than or equal to 31 mph; April 24, 1990 with nearly 46 percent and June 6, 1990 with nearly 39 percent.

Table 3 shows the frequency distribution of direction by atmospheric stability categories A through F. Categories A through C (unstable winds) occur in the daytime and categories E and F

(stable winds) occur at night. Category D (neutral stability) winds are transitional between daytime and nighttime conditions. Stability class was calculated by the method of Irwin (1980) which uses wind speed, standard deviation of wind direction, and local sunrise and sunset times for determining daytime and nighttime periods. A nighttime correction is applied to the stability class determination. The assumed terrain mixing height was 15 centimeters. Table 3 shows that the daytime winds blew predominately out of the south southwest to southwest with a secondary peak out of the northwest. The transitional class D winds represented over 71 percent of the total winds recorded at the site and the majority, 40 percent, of these winds were out of one direction, northwest. Table 3 also shows that the nighttime winds had a peak out of the south to south southwest.

TABLE 2
FREQUENCY OF WINDS BY DIRECTION AND SPEED
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
APRIL - JUNE 1990

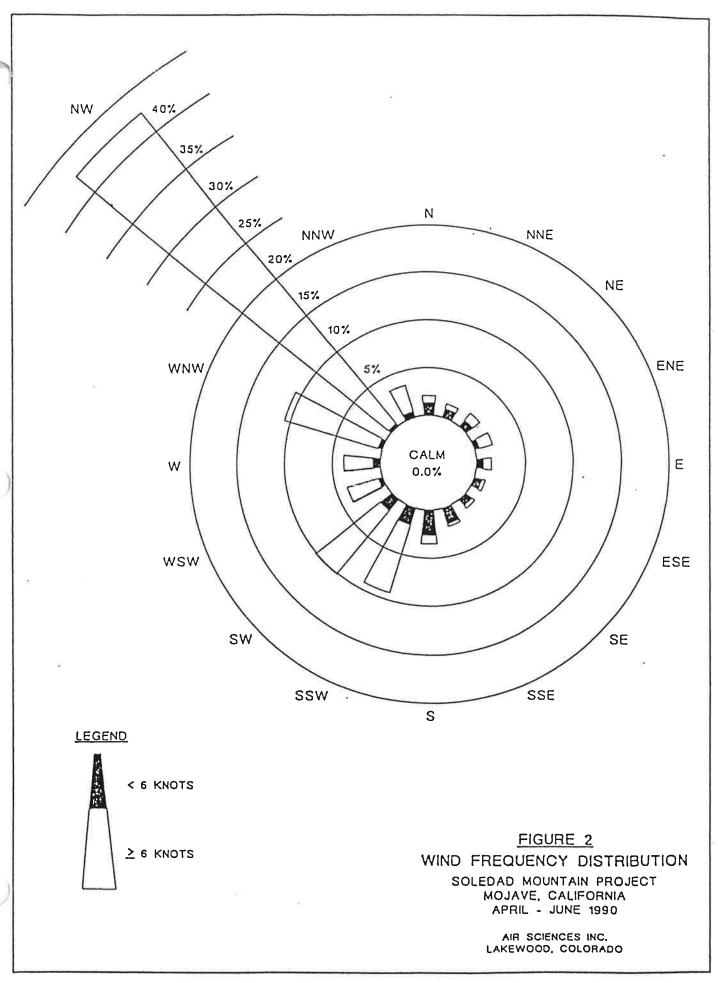
			Speed Cla	ass Interval	s(kts)			
D'arreit a					V W-1		21	Mean
<u>Direction</u>	<u>1, < 3</u>	<u>3, < 6</u>	<u>6, < 10</u>	<u>10, < 16</u>	<u> 16, < 21</u>	<u>>21</u>	<u>All</u>	Speed
N	0.2	1.2	0.5	0.2	0.0	0.0	2.1	5.8
NNE	0.2	0.8	0.5	0.1	0.0	0.0	1.5	5.1
NE	0.2	0.7	8.0	0.0	0.0	0.0	1.8	5.4
ENE	0.3	0.2	1.2	0.2	0.0	0.0	1.9	7.1
E	0.4	0.3	0.5	0.2	0.0	0.0	1.5	6.0
ESE	0.2	0.6	0.3	0.1	0.0	0.0	1.1	5.3
SE	0.1	0.7	0.2	0.0	0.0	0.0	1.1	4,9
SSE	0.2	1.5	0.2	0.1	0.0	0.0	1.9	4.7
S	0.3	2.3	0.7	0.2	0.0	0.0	3.5	5.2
SSW	0.3	1.5	2.8	3,0	1.4	0.3	9.2	10.9
SW	0.1	1.4	2.5	4.6	1,1	0.3	10.1	11.4
wsw	0.0	0.6	1.9	1,1	0.2	0.0	3.8	9.3
W	0.1	8.0	1.6	1.1	0.2	0.0	3.8	9.0
WNW	0.0	0.5	1.9	5.0	2.4	0.9	10.6	13.9
-NW	0.1	0.3	2.5	12.8	16.5	10.3	42.5	17.6
NNW	0.2	0.5	1.2	1.3	0.2	0.2	3.5	10.4
All	2.9	14.0	19.3	29.9	21.9	12.0	100.0	13,1

Calm (less than one knot) = 0.0% Period mean wind speed = 13.1 knots

TABLE 3
FREQUENCY OF WINDS BY DIRECTION AND STABILITY
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
APRIL - JUNE 1990

Direction	A	<u>B</u>	_	D	_	_	A 11
N	0.4	0.1	<u>⊆</u> 0,1	<u>D</u> 0.5	<u>E</u>	<u>F</u>	All
NNE					0.2	8.0	2.1
-	0.2	0.2	0.1	0.3	0.2	0.5	1.5
NE	0.6	0.6	0.2	0.1	0.0	0.3	1,8
ENE	0.3	0.5	8.0	0.1	0.0	0,2	1.9
E	0.3	0.4	0.2	0.2	0.0	0,4	1.5
ESE	0.6	0.2	0.1	0.1	0.1	0.2	1.1
SE	0.7	0.3	0.0	0.0	0.0	0.1	1.1
SSE	0.5	0,1	0.1	0.3	0.2	0.7	1.9
S	0.5	0.5	0.3	0.4	0.5	1.5	3.5
SSW	0.2	0.6	1.2	5.9	0.2	1.1	9.2
SW	0.7	0.4	0.8	7.3	0.4	0.5	10.1
wsw	0.3	0.2	0.4	2.3	0.3	0.2	3.8
W	0.3	0.1	0.5	2,2	0.2	0.6	3.8
WNW	0.2	0.1	0.4	9.5	0.2	0.2	10.6
NW	0.1	0.3	1.5	40.3	0.1	0.2	42.5
WNW	0.1	0.3	0.6	2.2	0.0	0.4	3.6
All	6.0	4.7	7.2	71.6	2.6	7.9	100.0

Calm (less than one knot) = 0.0%



2.2 Temperature

Temperature data summaries are presented in Table 4. Average temperature for the data collection period was 19.9 °C (67.8 °F). The coldest month of the period was April and the warmest was June. The minimum temperature recorded was 6.9 °C (44.4 °F) and the maximum was 37.9 °C (100.2 °F).

TABLE 4

MONTHLY TEMPERATURE MEANS AND EXTREMES

SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA

APRIL - JUNE 1990

(°C)

Month APR MAY JUN	Average Daily <u>Maximum</u> 22.6 24.6 31.5	Average Daily Minimum 11.3 11.8 17.7	Daily <u>Average</u> 16.8 18.4 24.5	Monthly <u>Maximum</u> 30.8 33.5 37.9	Monthly Minimum 6.9 7.0 7.7
QTR	26.2	13.6	19.9	37.9	6.9

APPENDIX A Calibration Records

WIND SPEED CALIBRATION CAMPBELL SCIENTIFIC LOGGER

Sensor Model No: _ Sensor Serial No: _ Sensor Height: _ Logger Ser. No.: _ Name: _	014 10 m 5397 5:m		Client: Caorden Queen Mining Job No: 56-7-1 Site: Soledad Date: 5-15-90 Time: 13:00
I. SYSTEM INSPECT Bea Cab Cup II. SYSTEM LINEARIT	orings ole os	PASS _ المحت _ المحت _ المحت	FAIL
Input Frequence (Hz) 1. Ø 2. 3. 61 3. 4.63 4. 7.37 5. 6. 7. 8. 9. 10. Target (mph) Target (m/s) Comments:) = (Hz × 1.7) = (Hz × 0.7)	98) + 0.447	21X Reading

Signature Sin King

WIND DIRECTION CALIBRATION CAMPBELL SCIENTIFIC LOGGER

Sensor Mo Sensor Sen Sensor Hei	ial No :	m	Client: Colden Queen Miana Job No: 58-7-1 Site: Soleded
Logger Ser Time		580	Date : 5-15-90
········		2:15	_ Name : Jim King
I. SYSTEM	INSPECTION	-	
II. SYSTEM	Bearings Cable Vane LINEARITY CHEC	PASSN<\ld>\tilde{\ti	FAIL
Orien 1. Vane Tail 2. Vane Tail 3. Vane Tail 4. Vane Tail 5. Vane Tail 6. Vane Tail		Target (degrees)58.038.0306.0126.0282.5	21X Reading (degrees) 58.0 239.6 309.0 127.4 243.8
Comments:	260200	tion 15.5	2,7,8,74
	Sct.	Screw = 1-	79.8

TEMPERATURE CALIBRATION CAMPBELL SCIENTIFIC CR10 LOGGER

Sensor Model No:		_ Client: Golden Quera Mining
Sensor Serial No : N/A		_ Job No : _ 58 - 7 - 1
Sensor Height: 2-m		Site: Solveded.
Logger Ser. No. : 5397		Date : 5-15-90
Name : Lim Kis	<u>~</u>	Time : //:00 - /3:00
I. SYSTEM INSPECTION		
	PASS	FAIL
Radiation Shield_		
Cable	New	
II. SYSTEM PSYCHROMETER CHEC	К	
Develope and the A		*,
Psychrometer ()		CR10 Reading
Measured Corrected 1. 16.9		(degrees)
		_/6.9
		<u>19.3</u>
/·		7.3.1
9.		
10.		
Average		
Comments:		
V-12		
1		
)		

Signature 1. M.

APPENDIX B AIRS Tables

HOURLY AVERAGED WIND SPEED APRIL 1990

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A METERS PER SECOND

DAY	θ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	- 15	16	17	18	19	20	21	22	23	AVG
1	92	94	93	91	93	80	53	67	41	25	22	22	27	27		20				45					
2	54	58	29	14	27	31	26	35	31	25 31	22 35	33 37	27 36	37 30	32 32	38 35	82 36	87 34	69	45	35	20	13	46	55
3	7	8	36	35	39	26	45	49	46	49	62	71	72	62	49	52	51	42	31 44	21 50	21	17	23	17	31
4	24	17	25	9	11	14	14	15	25	23	29	51	22	32	29	25	17	25	37	20	41 15	34 20	27 21	17 20	42 23
5	18	32	58	52	39	33	17	37	44	30	26	44	51	68	72	84	86	76	64	67	62	47	47	45	50
6	35	21	28	31	24	44	68	58	45	35	34	32	27	41	64	80	69	57	20	40	38	38	46	26	41
7	17	69	61	59	32	34	23	22	44	68	80	89	82	90	75	79	51	69	59	63	59	40	31	22	55
8	22	24	28	21	30	46	45	106	68	74	105	111	122	120	118	120	158	158	140	68	67	107	94	93	85
9	85	86	85	77	52	37	15	16	20	25	34	33	31	25	29	27	20	29	42	36	21	10	14	12	35
10	11	11	13	16	9	8	7	17	16	25	28	28	29	27	23	28	25	53	57	59	72	66	69	76	32
11	79	85	90	82	76	76	93	84	77	79	83	86	99	110	121	127	117	126	128	115	116	118	117	112	100
12	105	108	103	100	91	79	59	36	17	24	31	34	30	23	27	29	81	89	93	86	56	88	85	82	65
13	76	44	33	37	24	25	14	12	12	19	38	37	28	27	39	35	55	67	42	42	50	47	26	32	36
14	21	28	13	18	18	17	8	11	25	33	35	30	34	52	66	80	86	74	64	62	34	40	50	52	39
15	42	32	51	39	33	30	44	48	53	59	77	73	71	87	77	93	93	75	49	58	46	59	57	56	58
16	72	63	69	84	68	72	65	65	77	96	79	84	84	79	83	79	74	76	65	54	60	36	30	33	69
17	41	46	50	26	22	28	54	88	88	89	93	88	86	96	98	94	99	82	66	35	50	44	57	54	65
18	54	62	76	79	89	79	72	86	96	84	65	44	39	39	50	84	98	97	87	80	69	60	50	60	70
19 28	40	22	14	27	46	51	37	25	19	27	30	33	38	54	71	65	58	58	65	67	68	70	70	72	47
21	74 57	74 57	94	91	73	84	83	88	65	65	62	52	50	66	89	93	91	83	72	61	46	33	46	47	70
22	66	67	56 65	59 78	55 53	51 52	49	48	28	27	38	37	43	60	64	59	61	79	72	67	60	59	36	52	53
23	66	72	102	39	39	53 51	69 59	91 62	106 52	112 68	105 58	112	111	104	99	111	120	110	193	89	74	75	89	59	88
24	34	42	74	119	125	52	59	122	143	156	152	60 163	61 158	·78	86	62	67	89	81	94	68	126	197	112	77
25	102	91	84	77	74	73	53	28	33	35	24	28	42	160 53	170 58	164 94	172 112	166 111	158	140	131	126	118	105	125
26	141	55	140	79	82	116	112	112	105	98	70	49	67	87	109	114	128	118	114 85	114 84	113 76	135 96	127 123	135	88
27	112	85	73	75	42	40	29	34	19	24	30	23	24	30	46	89	88	83	53	60	27	48	36	122 25	99 49
28	35	80	89	97	72	73	57	63	79	108	**	**	**	**	**	**	**	**	**	**	41 **	70 71	**	4.X	49 75
29	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	/3 **
30	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
AVERAGE	57	54	62	57	51	58	47	54	53	57	56	58	58	64	69	75	81	82	73	66	58	61	63	59	61

^{*} Indicates calibration of sensors
** Indicates invalid data

AIR SCIENCES INC. SAROAD(V6.0) 08/01/90

HOURLY AVEL U HIND DIRECTION APRIL 1990 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIHUTH

DAY	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	316	317	316	315	319	323	336	321	341	41	82	75	119	124	69	25	321	317	316	243	215	196	118	316
۷	310	314	360	344	14	26	7	23	30	52	53	50	98	107	87	87	74	104	115	347	48	318	341	356
3	10	3	14	8	353	339	27	45	68	75	94	182	91	94	89	81	105	211	210	236	209	175	164	182
4 5	147 188	144	161	179	193	213	50	174	27	171	257	191	113	98	135	164	121	219	225	169	163	156	162	161
6	283	283 179	317 179	319 183	338 175	225	178	326	335	296	280	200	200	191	270	311	311	308	381	304	300	295	260	282
7	219	318	298	298	249	298 282	320 198	348	322	275	214	221	228	213	212	215	291	312	176	225	240	266	279	334
8	163	193	288	155	259	245	251	191	197	202	211	210	204	215	305	306	309	310	308	284	218	232	193	163
9	314	317	317	322	357	357	344	297 167	315 132	318 87	323 56	324 67	315	318	310	305	308	312	312	166	278	301	310	316
19	350	272	341	27	15	319	28	156	128	49	59	164	42 153	101	117	62	359	323	312	328	207	100	82	40
11	318	311	308	312	312	315	320	316	320	316	315	314	316	173 314	42 312	141 310	217	298	308	313	387	311	311	312
12	314	315	318	315	314	314	320	345	34	66	75	78	137	183	138	271	306 315	311 314	310 301	307 302	306	313	316	313
13	306	277	213	322	338	337	65	157	126	88	65	63	31	180	178	187	215	225	271	302	289 298	310	389	309
14	164	195	164	172	157	189	269	103	172	202	202	199	167	197	219	212	223	225	226	234		295	271	253
15	242	253	248	205	169	218	224	203	186	202	202	208	204	208	207	212	211	211	211	239	212 214	215	231	235
16	213	198	206	218	215	227	228	223	220	219	219	226	223	219	215	221	211	215	216	222	214	232 218	235	217
17	226	232	231	226	206	214	289	310	317	311	315	387	310	313	307	316	310	306	305	271	290	297	201	206
18	296	304	313	313	311	313	302	312	313	312	319	303	305	320	317	316	315	316	313	305	309	307	293 293	298 303
19	247	203	106	333	335	326	307	283	216	154	180	155	198	200	204	228	247	297	299	296	296	301	300	305
20	311	309	314	318	301	315	312	315	324	321	323	321	314	315	319	326	321	311	313	305	275	281	301	313
21	298	305	309	311	309	318	331	318	322	284	181	215	191	203	218	256	312	311	305	294	292	291	281	308
22	313	321	313	302	329	307	311	315	317	316	308	311	300	384	305	304	296	288	294	284	255	294	275	301
23	289	298	317	268	260	253	215	182	1	322	338	322	278	290	299	284	274	291	284	253	249	301	317	319
24	311	304	311	297	303	20	354	325	316	313	315	311	312	307	312	321	315	312	310	310	312	316	317	312
25	318	315	319	322	319	316	322	359	15	44	3	9	312	314	311	316	318	309	317	325	318	316	320	317
26	312	340	321	309	348	318	317	317	329	323	322	326	319	315	314	312	316	312	297	292	288	296	310	317
27	318	317	317	316	339	343	29	25	355	107	56	145	219	205	223	304	310	315	265	259	229		192	237
28	251	298	295	387	386	304	300	295	300	319	**	**	**	**	**	**	**	**	**	**	**	**	**	* *
29	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
30	**	**	**	**	**	**	**	**	* *	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**

^{*} Indicates calibration of sensors
** Indicates invalid data

AIR SCIENCES INC. SAROAD(V6.0) 08/01/90

HOURLY AVERAGED TEMPERATURE APRIL 1990 SOLEDAD MOUNTAIN PROJECT - HOJAVE, CALIFORNIA

UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	θ	1	2	3	4	5	6	7	8	9	18	11	12	13	14	15	16	17	18	19	20	21	22	23	AVC
 1	142	141	138	134	133	132	137	160	182	199	218	220	228	232	234	227	213	189	 178	162	 145	129	132	143	177
2	145	144	135	131	127	116	124	137	163	184	195	239	218	219	221	224	213	213	192	162	159	132	103	143 98	173 165
3	89	82	92	114	184	108	125	155	178	196	211	220	227	231	229	229	222	192	172	168	155	133	125	116	161
4	116	121	117	104	103	107	118	138	144	154	157	159	173	178	177	177	176	173	145	120	113	102	105	100	137
5	95	115	133	132	124	119	123	160	181	193	204	2.5	224	232	224	217	207	191	175	168	164	158	155	154	169
6	146	108	110	99	101	123	148	171	191	203	216	224	234	240	241	232	217	195	171	157	155	154	152	144	172
0	128 86	140	136	132	121	124	103	114	157	172	191	196	203	205	173	142	141	128	113	117	105	91	84	82	137
8 9	112	98 110	100 108	94	91	92	102	114	123	132	148	150	153	159	160	157	148	137	126	123	122	118	114		123
10	137	116	97	109 109	107 91	100 77	94 88	136 169	164 282	189 223	202 238	215 251	224 255	234 263	239 268	243	241	231	187	168	156	145	145	141	167
11	191	184	171	164	164	168	174	197	220	234	248	247	249	246	238	268 227	266 216	242 202	218 186	207 181	201 177	197 173	193 168	193 170	190 199
12	171	167	164	164	164	162	177	208	228	245	260	271	280	287	295	296	266	226	203	194	191	191	185	183	216
13	185	175	172	169	149	132	151	202	233	258	269	283	293	304	304	307	299	280	253	226	219	213	203	199	228
14	164	173	172	167	161	157	161	287	221	247	259	271	287	288	284	262	251	234	209	198	179	178	174	174	212
15	159	141	148	134	118	126	161	179	183	199	188	186	205	219	218	197	176	157	143	139	135	139	138	130	163
16	122	105	99	96	95	97	104	105	126	129	130	139	135	125	123	123	124	115	199	92	88	81	69	71	108
17	86	84	89	82	74	80	103	126	138	141	143	162	163	155	163	165	153	142	124	119	118	118	117	121	124
18	119	116	116	116	117	119	126	141	157	171	188	193	204	213	214	205	195	179	164	157	153	147	145	142	158
19	129	113	118	124	130	131	148	169	188	199	211	226	235	245	240	226	228	205	179	169	166	162	158	156	177
28 21	152 131	143 129	133 125	132 125	131	128	134	150	159	159	191	266	284	206	201	193	191	175	159	152	148	143	140	133	161
22	139	133	133	132	121 125	120 123	134 142	154 158	172 170	187 183	195 192	268 199	222 200	230	230	224	218	187	166	159	155	148	138	135	167
23	151	158	136	133	123	129	127	132	158	179	184	188		208 197	200 184	197 184	185 186	174 160	164 144	158 140	156 130	153 125	157 119	156	164 153
24	102	96	88	81	82	84	86	89	105	117	129	139	146	150	147	147	146	138	126	126	127	125	123	110 123	118
25	121	116	113	111	108	109	136	167	183	199	213	224	234	238	241	231	211	198	182	175	176	170	164	158	174
26	156	159	163	159	156	154	164	188	193	218	243	259	269	267	254	240	228	217	200	191	188	185	179	180	200
27	177	173	172	169	164	167	191	202	228	249	261	274	288	299	308	297	280	259	234	226	205	218	203	198	227
28	196	206	202	200	199	202	214	228	240	240			256	262	262	251		239	223	208	198	189	178	164	221
29	146	135	127	125	127	121		144	156		165		176	185	189	190		171	150	139	132	121	115		149
30	103	91	80	82	80	75	98	102	95	82	73	104	133	151	166	171	162	153	138	128	123	121	120	120	114
AVERAGE	137	132	138	127	123	127	12/	156	175	100	100	200	217	222	221	215	206	100	494	161	455	140	143	4.44	1.50
100010					123	163	124	130	175	100	133	203	411	444	221	215	206	190	$\mathbf{I} T \mathbf{I}$	101	155	149	143	141	168

^{*} Indicates calibration of sensors

AIR SCIENCES INC. SAROAD(V6.0) 08/01/90

^{**} Indicates invalid data

HOURLY AVERAGED WIND SPEED MAY 1990

SOLEDAD HOUNTAIN PROJECT - MOJAVE, CALIFORNIA UNITS ARE TENTHS OF A HETERS PER SECOND

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
1	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**		**	**	**	**	**	**	11
2	* *	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	T 1	**
3	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
4	* *	* *	**	**	**	##	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
5	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
6	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
7	**	**	**	**	**	**	**	**	**	**	**	* =	**	**	**	**	**	**	**	**	**	**	**	**	**
8	**	**	**	**	**	**	**	**	**	**	**	*1	**	**	**	**	**	**	**	**	**	**	**	**	**
9	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
10	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
11	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
12	* *	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
13	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
14	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
15	**	**	**	**	**	**	**	**	**	**	**	97	104	116	117	108	105	105	101	54	30	66	83	70	89
16	75	86	71	42	15	29	22	25	35	49	47	43	36	25	28	36	63	66	59	42	34	29	23	14	41
17	16	31	38	18	14	14	23	42	63	74	80	66	75	78	84	73	71	83	76	67	74	76	84	47	57
18	48	47	57	68	76	50	71	74	72	39	36	58	79	75	74	96	59	83	71	68	63	71	47	20	63
19	24	28	62	62	28	38	93	105	93	97	111	105	104	100	90	101	84	80	71	66	88	110	64	66	78
20	101	114	70	64	66	76	92	105	101	105	98	80	80	96	93	98	105	98	91	87	59	85	84	79	89
21	70	80	102	101	87	93	88	71	34	21	28	35	74	63	63	73	70	56	48	58	62	47	35	45	63
22	50	41	25	23	20	27	18	28	49	50	69	58	63	64	51	46	49	61	76	57	28	26	14	17	42
23	20	21	16	17	19	45	38	38	52	67	72	93	107	118	129	129	113	89	89	89	90	109	115	88	73
24	86	81	108	105	90	75	120	109	104	113	102	95	103	111	118	120	118	117	118	118	118	106	92	97	105
25	89	89	96	93	90	84	92	185	87	49	43	42	45	77	89	96	88	68	54	67	70	70	67	64	75
26	69	62	37	26	34	28	61	46	29	61	72	81	91	92	92	89	98	84	72	42	38	30	32	46	53
27	34	63	76	93	74	35	42	44	49	62	63	69	87	96	93	97	96	89	74	67	60	79	56	57	69
28	50	42	51	50	44	27	48	64	65	93	76	88	102	114	111	110	107	89	76	63	107	108	92	96	78
29	98	99	74	78	97	93	103	186	107	108	107	95	82	104	109	105	106	99	109	99	89	90	95	69	97
30	89	84	98	58	49	57	66	90	103	105	109	108	103	103	105	99	93	83	78	78	77	74	63	53	84
31	24	30	41	49	76	51	45	67	78	98	100	108	112	124	108	99	99	117	115	92	103	61	93	93	83
BUCDACE	59	62																							
AVERAGE * Indic			64	59	55	51	64	70	78	74	76	78	85	92	91	93	89	86	81	71	70	73	67	68	73

Indicates calibration of sensors
 Indicates invalid data

AIR SCIENCES INC. SARRADIUE AT ARIATION

HOURLY AVERAGED HIND DIRECTION HAY 1990 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIMUTH

DAY	θ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2	**	**	**	. **	**	**	**	**	**	**	**	**				**		**	**	**	**	**	**	**
3	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
4	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
5	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
6	**	**	**	**	= *	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
7	**	**	**	**	**	**	**	**	**	**	**	*×	**	**	**	**	**	**	**	**	**	**	**	**
8	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
9	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
10	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
11	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
12 13	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
14	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
15	**	**	**	**	**	**	**	**	**	**	**	319	321	319	317	290	274	255	220	225	100	**	200	**
16	301	321	321	356	94	7	30	33	47	65	77	81	132	141	220	213	234	240	228 239	275 247	180 243	336 236	300 183	304 18
17	174	194	218	208	211	187	176	208	214	208	204	249	247	242	244	254	261	301	296	277	288	298	307	278
18	396	333	345	312	303	303	308	327	310	289	186	263	213	326	317	314	281	313	310	310	292	306	281	225
19	163	166	299	317	317	318	323	324	316	311	317	319	313	309	311	316	313	381	298	284	304	314	278	308
20	310	321	339	318	335	351	341	328	318	318	319	321	318	315	312	315	313	316	312	312	307	325	317	315
21	295	308	312	298	298	299	309	315	2	94	265	212	215	247	304	320	318	314	315	318	312	303	304	323
22	315	321	275	198	187	9	216	219	278	224	215	259	234	253	278	306	292	228	228	236	204	177	145	173
23	156	169	167	192	224	300	269	205	214	213	213	204	213	211	212	212	204	298	315	309	305	313	314	316
24 25	313 316	317 315	338 319	325 317	320 311	331 300	329	336	326	309	310	312	314	318	318	317	314	315	315	311	299	308	317	316
26	317	320	301	186	286	298	304 286	308 258	310 203	260 302	248 317	227 325	215 321	329 318	327	315	311	304	294	294	298	302	293	296
27	258	305	315	309	292	186	205	202	216	211	303	258	215	211	320 210	314 212	311 213	302 216	292 212	248 215	201	225	235	236
28	216	211	207	208	212	218	215	207	225	314	311	324	320	319	315	314	310	285	285	288	218 300	220 306	220 312	213 308
29	313	323	322	315	306	301	309	310	320	323	322	320	313	319	319	315	311	314	311	298	289	296	299	293
30	295	313	326	325	272	299	303	315	316	317	323	316	317	320	316	313	311	307	307	304	305	312	308	249
31		199	315	294	307	297	278	295	304	315	316	312	315	313	300	288	291	306	302	299	296	299	316	308
* Indi	cates	calib	rati	nn nf	SANS	are																		

^{*} Indicates calibration of sensors

^{**} Indicates invalid data

HOURLY AVERAGED TEMPERATURE HAY 1990

SOLEDAD HOUNTAIN PROJECT - HOJAYE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	0	1	2	3	4	5	6	7	8	g 9	18	11	12	13	14:	15	16	17	18	19	20	21	22	23	AVC
	440	440	400																						
١	118	112	182	83	71	78	123	151	169	179	193	200	207	212	209	215	210	196	176	165	159	156	155	155	158
2	154	152	148	146	145	151	177	195	211	222	233	238	251	258	253	249	239	228	211	193	192	195	192	188	201
3	183	178	176	159	133	148	176	214	236	248	258	265	271	279	278	285	277	262	243	229	225	218	216	208	223
4	186	186	154	143	142	147	211	236	252	261	275	286	297	304	307	306	297	283	262	248	241	234	231	235	239
2	234	228	226	214	200	179	212	234	267	276	289	297	308	317	319	322	320	305	282	267	259	254	247	247	263
7	248	237	236	232	225	227	249	273	295	307	316	323	330	335	332	318	305	291	274	258	240	249	239	229	273
,	225	213	202	207	182	168	204	238	267	288	294	302	307	307	301	298	283	252	242	208	188	183	173	166	237
0	161	156	149	138	115	112	165	197	229	248	262	276	279	269	271	279	268	230	192	173	165	157	150	138	199
10	133 110	131 98	132 79	132 80	102 75	81 78	158 92	190	207	226	241	248	252	249	243	238	228	208	174	152	139	129	142	132	178
- 11	118	115	112	112	113	116	127	110 143	122	138	153	154	162	178	171	171	157	148	128	123	127	129	123	120	125
12	151	148	144	141	142	143	160	187	162 207	181	196	207	212	219	223	219	209	198	180	178	161	154	154	151	165
13	178	166	154	153	163	167	185	281	223	218	232	249	257	264	257	246	229	213	195	183	178	178	176	176	195
14	126	116	114	107	94	98	141	180		247	268	278	279	283	283	270	250	228	205	193	171	144	136	131	206
15	130	123	127	125	117	131	150	165	197	222	235	241	245	245	240	233	221	206	187	176	166	156	155	150	177
16	154	152	149	138	129	107	146	176	200	227		228	230	227	222	216	208	194	178	164	155	154	152	152	169
17	147	119	129	108	184	107	168	186	208	223	245 233	250 256	255 260	266	272	272	261	246	235	221	212	193	180	160	202
18	148	137	126	140	137	141	163	187	205	224	235	249	253	261	258	249	238	228	201	182	169	157	157	150	187
19	106	188	187	109	106	108	114	129	129	143	163	169		253	249	233	225	201	183	167	160	152	142	123	185
28	130	124	107	112	114	117	134	152	165	178	193	214	174 226	177	178	171	167	159	145	135	135	132	132	131	138
21	156	153	147	145	148	158	178	199	218	242	259	273	278	227 268	220 269	209	206	195	180	174	167	162	159	157	168
22	167	161	151	134	122	145	157	183	218	235	255	273	281	281	281	261 274	244 271	236 251	217	199	195	189	180	169	267
23	136	129	119	132	125	154	176	183	208	230	244	252		251	241	227	213	187	217 157	195 141	181 127	169	150	137	204
24	99	96	94	95	88	94	104	118	132	153	177	188	192	194	193	186	181	170	153	139	134	117 128	105	100	175
25	119	119	119	117	117	126	141	157	180	210	230	248	268	263	257	246	234	219	198	181	173	171	122 167	120 163	140 134
26	169	166	150	136	126	117	145	167	189	211	224	232	237	235	236	231	220	205	188	173	158	147	145	153	181
27	146	145	143	145	143	122	134	162	178	194	191	281	178	186	182	172	152	136	125	125	114	109	99	96	149
28	182	101	95	96	93	91	117	118	141	130	136	161	167	166	171	166	152	140	130	125	124	123	121	117	128
29		113	197	110	111	118	131		155	163	171	183	200	199	198	196	186	175	168	149	146	148	148		153
30	143	148	139	135	136	137	150		178	191	200			219	221	220	212								170
31		105	108	118	107	185	118	131		142	157					178		156		134					135
															174	170	103	130	177	174	140	141	117	110	133
AVERAGE	148	142	137	133	127	127	155	176	196	212	225	236	241		242				192	178	169	163	158	153	184

^{*} Indicates calibration of sensors

^{**} Indicates invalid data

HOURLY AVERAGED WIND SPEED JUNE 1990 SOLEDAD HOUNTAIN PROJECT - HOJAYE, CALIFORNIA

UNITS ARE TENTHS OF A HETERS PER SECOND

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	28	21	22	23	AVG
DV 1			2	222	12020	3					10	11	14	13		13		17	10						
1	132	126	91	94	98	93	99	97	88	45	30	27	25	32	46	78	89	89	94	102	97	100	98	92	82
2	58	77	81	72	23	38	51	25	32	23	23	19	18	22	22	28	52	63	63	67	68	72	81	76	48
3	61	13	21	20	15	29	28	32	24	30	35	37	45	50	81	104	112	120	125	117	122	109	122	128	66
4	132	129	119	78	61	41	33	68	47	50	51	73	98	107	108	110	111	109	115	114	116	116	117	116	92
5	118	118	109	110	105	17	97	90	110	111	108	102	104	110	119	122	121	110	107	107	194	105	111	103	107
6	97	116	101	101	118	112	136	147	151	134	119	131	130	119	123	134	142	152	157	155	148	148	136	135	131
7	130	141	126	130	128	112	88	63	24	25	31	31	30	28	24	52	78	89	98	114	118	121	119	105	83
8	91	87	84	44	62	31	42	34	18	29	29	34	39	44	51	49	72	77	79	97	97	67=	34	22	55
9	28	28	24	39	46	72	48	52	48	44	86	99	92	79	69	76	63	71	80	54	72	65	67	60	61
10	52	23	34	32	36	48	56	65	81	82	78	93	93	100	103	101	97	90	62	52	33	25	42	84	65
11	63	66	54	38	17	24	67	81	88	88	89	89	88	101	101	110	112	114	77	75	99	77	45	47	75
12	34	78	84	71	106	91	78	96	103	102	104	114	114	118	130	129	105	96	100	72	89	104	88	66	94
13	56	45	25	11	16	30	41	66	86	103	114	128	127	121	115	122	124	103	90	88	71	52	50	42	75
14	18	27	21	31	48	45	63	72	76	80	79	84	88	89	81	84	92	84	77	52	51	33	30	47	61
15	33	30	59	31	46	45	38	82	99	110	118	121	114	120	122	116	113	117	103	89	108	105	105	102	88
16	97	108	107	93	90	94	82	60	35	31	34	36	36	25	33	29	27	61	71	67	73	81	79	55	63
17	61	61	51	23	29	19	20	26	26	34	46	66	74	84	75	87	92	85	72	51	31	25	36	69	52
18	55	38	55	24	24	29	14	19	29	44	30	38	29	70	93	88	104	104	85	78	84	89	94	81	58
19	100	99	80	46	17	15	15	37	46	69	51	47	58	55	51	47	42	34	56	72	70	51	18	13	49
20	11	13	15	27	10	11	10	32	43	47	43	39	33	38	23	24	24	52	59	62	74	68	66	55	37
21	22	15	20	25	26	15	20	25	28	24	25	35	39	67	73	89	82	76	55	35	59	49	21	20	39
22	19	57	42	54	55	44	47	51	42	42	42	57	73	93	97	94	91	82	63	46	40	41	26	24	55
23	18	17	19	16	12	24	34	59	56	59	62	75	76	81	84	78	72	79	73	56	40	40	25	13	49
24	16	11	20	28	12	16	42	58	66	68	63	63	72	74	71	63	83	85	77	64	69	67	64	61	55
25	65	84	86	78	67	76	81	66	52	33	26	23	52	77	90	97	102	105	110	106	112	104	113	111	80
26	108	111	116	186	111	88	86	92	93	78	108	122	133	133	124	137	134	119	84	70	98	112	106	102	107
27	188	55	33	35	31	39	49	54	62	82	83	93	116	112	124	110	109	105	109	103	111	113	130	126	87
28	119	101	102	98	91	92	108	98	94	81	73	59	49	54	75	96	99	94	89	87	87	84	77	68	86
29	69	70	52	33	29	14	34	51	64	63	64	61	64	67	72	75	70	75	60	30	34	36	22	42	52
30	56	59	59	55	53	36	30	28	40	51	52	55	74	70	83	74	77	65	47	41	39	32	31	23	51
AVERAGE	68	67	63	55	53	50	55	61	62	62	63	63	73	78	82	86	90	90	84	77	80	76	72	70	70

^{*} Indicates calibration of sensors

^{**} Indicates invalid data

HOURLY AVERAGED WIND DIRECTION JUNE 1990 SOLEDAD HOUNTAIN PROJECT - MOJAVE, CALIFORNIA UNITS ARE DEGREES AZIHUTH

DAY	8	1	2	3	4	5	б	7	8	9	18	11	12	13	14	15	16	17	18	19	20	21	22	23
1	325	327	258	269	318	315	310	316	314	1	124	28	145	354	315	320	321	314	307	299	307	317	316	316
2	321	316	313	323	6	345	316	44	34	37	86	124	120	239	171	147	342	314	309	307	306	309	309	312
3	386	88	19	35	47	351	342	338	280	216	209	207	209	262	323	321	321	314	307	309	310	316	316	313
4	313	311	308	334	345	4	322	315	313	314	318	321	321	325	321	324	318	314	316	316	319	316	314	314
5	310	388	306	307	309	331	312	310	309	312	320	319	318	320	316	312	310	302	297	293	296	292	292	291
6	298	291	292	305	309	311	314	316	319	386	296	311	316	308	302	300	315	318	313	315	315	315	319	328
7	322	318	321	317	317	323	322	319	7	2	81	82	42	346	13	333	316	311	308	311	314	313	314	314
8	307	310	307	345	318	356	309	333	126	218	211	228	208	194	205	219	303	318 317	314 308	316 309	307 315	287 308	199 313	184 308
9	238	194	205	200	252	284	336	192	205	214	217	232	230 322	215 319	239 320	246 317	272 308	300	284	256	237	232	300	308
19	274	256	322	392	332	332	322	326 308	313 311	313 317	318 317	316 322	323	320	319	315	303	301	281	275	293	259	227	221
11	300	303 310	300 314	326 349	349 317	271 308	299 385	317	319	318	324	320	329	320	317	319	316	316	313	303	314	325	321	341
12	279 304	265	268	158	234	189	165	204	203	204	212	222	222	220	220	222	222	221	222	223	228	226	226	215
13 14	283	203	192	208	240	228	228	225	219	210	206	205	203	207	218	211	216	215	213	214	290	235	188	208
15	233	248	286	243	257	248	243	309	316	313	314	311	316	316	313	308	314	316	315	313	315	321	318	325
16	322	316	316	319	318	316	315	317	333	35	56	53	121	107	113	228	186	294	309	302	306	309	309	302
17	308	312	317	8	12	22	22	298	215	191	212	214	212	221	212	212	213	213	217	225	204	161	265	319
18	386	297	309	317	360	351	224	197	258	307	252	241	249	314	319	321	319	316	317	324	318	316	311	301
19	318	317	318	348	39	21	42	50	73	67	66	68	58	62	58	70	74	67	333	314	313	321	26	89
20	83	91	68	354	68	61	78	44	50	58	63	96	131	145	123	123	231	239	292	309	307	311	313	309
21	18	176	356	295	238	116	41	67	43	156	169	191	209	228	215	221	226	227	221	235	304	303	187	176
22	208	304	224	280	300	287	301	304	223	209	201	218	208	205	211	207	213	218	222	233	221	211	187	193
23	202	178	176	153	229	237	241	227	219	209	286	212	206	214	218	217	220	216	220	227	259	281	270	206
24	188	198	186	160	201	320	237	240	220	222	212	223	212	209	203	311	318	310	306	313	314	314	314	323
25	322	317	315	312	322	312	303	320	314	316	279	269	316	332	323	320	324	321	316	320	318	314	312	312
26	309	310	308	304	309	300	311	316	320	309	315	320	323	321	319	325	326	324	311	294	309	314 318	310	305 317
27	305	274	249	297	269	314	348	338	285	313	305	314	319	316	309	315	315	316 311	316 306	310 308	314 309	311	313 310	307
28	318	308	308	315	313	308	319	314	316	389	311	321	327	314	323	323 212	314 218	215	300 234	257	248	245	262	310
29	308 308	308 307	304 306	296 306	280 308	184 388	248 287	243 232	228 298	226 216	221 211	207 224	205 217	202 210	200 212	212	213	213	271	283	226	202	190	205
36	200	30/	200	סטנ	סטכ	200	201	232	200	210	411	224	417	210	414	414	213	220	411	203	220	202	100	200

^{*} Indicates calibration of sensors
** Indicates invalid data

AIR SCIENCES INC. SAROAD(V6.0) 08/01/90

HOURLY AVERAGED TEMPERATURE JUNE 1990

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	в	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AYG
1	111	108	113	111	108	101	114	141	165	194	209	221	233	248	249	237	222	282	178	159	153	150	154	156	168
2	150	147	146	144	140	153	175	199	213	233	255	27€	286	302	311	316	314	293	260	233	222	221	217	221	226
3	218	205	200	195	192	210	238	262	289	307	322	339	355	363	354	332	308	277	249	231	225	220	210	209	263
4	206	202	198	195	187	193	220	247	283	311	328	344	341	334	325	308	292	271	243	225	218	215	212	207	254
5	286	203	199	198	196	203	223	239	249	260	275	290	296	294	286	279	266	255	240	229	229	228	221	214	241
6	203	194	191	187	183	198	207	221	230	243	257	264	268	271	278	261	256	248	235	226	223	221	216	207	228
7	281	194	188	181	179	185	204	238	267	285	303	314	328	336	349	344	314	278	251	226	217	213	211	208	251
8	207	210	206	291	201	211	237	267	285	309	326	343	354	359	364	363	343	316	284	264	261	262	239	215	276
9	232	226	218	212	208	237	257	252	260	277	258	247	249	239	239	240	242	226	210	210	208	205	201	202	231
16	202	191	192	189	193	201	214	215	221	244	258	270	278	278	276	271	263	252	239	227	209	186	203	205	228
11	197	196	186	184	182	194	219	230	241	257	268	276	286	284	286	274	262	247	232	220	206	208	205	200	231
12	203	281	193	183	184	197	209	218	230	244	253	262	269	275	270	263	261	251	228	214	213	209	205	194	226
13	195	179	168	153	118	132	172	188	193	193	201	282	200	200	201	199	185	168	147	130	121	114	108	101	155
14	95	83	77	82	93	102	121	137	153	166	179	189	195	199	206	202	194	181	161	145	146	134	120	113	145
15	101	97	110	98	184	112	132	152	167	189	194	281	212	214	211	208	202	194	184	174	171	168	166	165	153
16	161	157	154	152	151	160	178	204	223	240	252	266	275	282	287	298	298	267	233	211	200	195	193	191	217
17	188	184	179	172	179	182	210	232	243	256	271	283	286	291	289	282	268	254	234	206	199	182	195	193	227
18	185	172	181	167	160	174	185	218	241	255	266	282	295	302	293	286	273	256	238	219	209	199	191	189	227
19	191	187	184	178	172	181	216	241	259	281	294	305	325	336	343	344	343	338	302	266	255	245	234	220	260
20	219	213	219	197	169	193	252	295	310	329	346	353	358	363	368	371	370	359	327	301	289	283	279	274	293
21	263	251	255	242	243	253	293	308	320	335	356	359	375	379	375	371	364	355	335	293	285	275	238	222	306
22	228	254	230	235	235	247	275	298	300	315	330	345	353	352	348	335	325	307	277	245	228	221	208	201	279
23	185	177	169	162	148	198	245	278	287	302	317	330		-337	338	338	333	316	293	267	249	234	221	204	261
24	282	194	186	183	193	210	260	281	293	304	318	333	346	353	355	345	330	313	292	274	264	259	251	244	274
25	237	233	226	222	218	228	249	274	297	315	333	348	361	364	363	352	336	313	284	263	252	244	239	236	283
26	237	233	229	225	224	231	253	272	292	319	340	351	351	351	346	339	330	318	297	279	273	269	267	263	287
27	254	250	249	260	242	256	274	290	305	320		338	340	341	339	336	323	306	285	263	251	244	239	231	286
28	223	217	209	204	205	218	227		276	297	314	331	342	354	355	339	321	300	275	250	249	233	231	230	268
29	238	229		216	206	209	258	291	306	323		349	357	364	361	357	356	338	318	287	271	258	250	264	259
30	262	255	253	251	245	251	285	304	306	340		370	376	376	374	354	339	330	328	301	280		249	232	303
						H													720	301					
AVERAGE	200	195	191	186	182	193	220	241	257	274	288	300	308	311	311	305	294	278	255	235	225	218	212	207	245

^{*} Indicates calibration of sensors

^{**} Indicates invalid data

APPENDIX C

Frequency Distributions by Direction and Speed For Each Stability Class

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'A'

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA

		Spe	ed Class	Interva	ls(kts)			Hean
Direction	1, <3	3,<6	6,<10	10,<16		>21	All	Speed
N	0 0							
•	9.0	6.6	0.0	0.0	0.0	0.0	6.6	4.7
NNE	0.0	3.8	0.0	0.0	0.0	0.0	3.8	4.8
NE	0.9	9.4	0.0	0.0	0.0	0.0	10.4	4.6
ENE	0.9	3.8	0.0	0.0	0.0	0.0	4.7	4.4
E	0.0	5.7	0.0	0.0	0.0	0.0	5.7	4.4
ESE	0.9	8.5	0.0	0.0	0.0	0.0	9.4	4.3
SE	0.9	10.4	0.0	0.0	0.0	0.0	11.3	4.4
SSE	0.9	7.5	0.0	0.0	0.0	0.0	8.5	4.4
S	0.9	6.6	0.0	0.0	0.0	0.0	7.5	4.6
SSH	0.0	3.8	0.0	0.0	0.0	0.0	3.8	5.2
SA	0.9	10.4	0.0	0.0	0.0	0.0	11.3	4.7
HSH	0.0	4.7	0.0	0.0	0.0	0.0	4.7	5.4
R	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.2
พหต	0.0	3.8	0.0	0.0	0.0	0.0	3.8	5.2
ЯR	0.0	1.9	0.0	0.0	0.0	0.0	1.9	5.5
มหน	0.0	0.9	0.0	0.0	0.0	0.0		
All	6.6	93.4	0.0				0.9	5.4
****	5.0	73.7	U.U	0.0	0.0	0.0	100.0	4.7

Calm (less than one knot) = 0.0%
Period mean wind speed = 4.7 knots
Percent occurrance for 'A' stability class(es) 6.0%

AIR SCIENCES INC. SBUIND(1.2) 08/01/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'B'

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA

		Spe	ed Class	Interva	ls(kts)			Hean
Direction	1, <3	3,<6	6,<10	10,<16	16, <21	>21	All	Speed
N	0.0	0.0	2.4	0.0	0.0	0.0	2.4	
NNE	0.0	2.4	2.4	0.0	0.0			6.4
NE	0.0	0.0	11.9	0.0		0.0	4.8	5.9
ENE	0.0				0.0	0.0	11.9	6.5
		0.0	10.7	0.0	0.0	0.0	10.7	6.7
E	0.0	0.0	8.3	0.0	0.0	0.0	8.3	6.6
ESE	0.0	1.2	2.4	0.0	0.0	0.0	3.6	6.4
SE	0.0	1.2	4.8	0.0	0.0	0.0	6.0	6.8
SSE	0.0	0.0	2.4	0.0	0.0	0.0	2.4	6.5
S	0.0	2.4	7.1	0.0	0.0	0.0	9.5	
SSH	0.0	1.2	10.7	0.0	0.0	0.0	-	6.6
SH	0.0	3.6	4.8	0.0			11.9	6.9
HSR	0.0				0.0	0.0	8.3	6.2
		0.0	4.8	0.0	0.0	0.0	. 4.8	7.0
H	0.0	0.0	2.4	0.0	0.0	0.0	2.4	7.1
กหห	0.0	0.0	1.2	0.0	0.0	0.0	1.2	7.6
NA	0.0	0.0	6.0	0.0	0.0	0.0	6.0	7.A
иин	0.0	1.2	4.8	0.0	0.0	0.0	6.0	
All	0.0	13.1	86.9	0.0	0.0	0.0	100.0	6.4 6.6

Calm (less than one knot) = 0.0%
Period mean wind speed = 6.6 knots
Percent occurrance for 'B' stability class(es) 4.7%

AIR SCIENCES INC. SBHIND(1.2) 08/01/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'C'

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA

		Spee	ed Class	Interval	ls(kts)			Hean
Direction	1, <3	3,<6	6,<10	10,<16		>21	A11	Speed
N	0.0	0.0	0.8	0.8	0.0	0.0	1.6	9.4
NNE	0.0	0.8	0.8	0.0	0.0	0.0	1.6	5.2
NE	0.0	0.0	2.4	0.0	0.0	0.0	2.4	7.5
ENE	0.0	0.0	9.4	1.6	0.0	0.0	11.0	9.4
E	0.0	0.0	1.6	0.8	0.0	0.0	2.4	9.3
ESE	0.0	0.0	1.6	0.0	0.0	0.0	1.6	8.3
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.8	0.0	0.0	0.0	0.8	8.0
i S	0.0	1.6	1.6	0.8	0.0	0.0	3.9	7.5
SSW	0.0	0.0	11.0	6.3	0.0	0.0	17.3	9.5
SR	0.0	0.0	7.1	3.9	0.0	0.0	11.0	9.6
asa	0.0	0.0	3.1	2.4	0.0	0.0	5.5	9.7
Ħ	0.0	0.0	4.7	1.6	0.0	0.0	6.3	9.9
ผหน	0.0	0.8	2.4	2.4	0.0	0.0	5.5	9.4
NW	0.0	0.0	12.6	7.9	0.0	0.0	20.5	9.8
หหน	0.0	0.0	-3.9	4.7	0.0	0.0	8.7	9.9
All	0.0	3.1	63.8	33.1	0.0	0.0	100.0	9.4

Calm (less than one knot) = 0.0%
Period mean wind speed = 9.4 knots
Percent occurrance for 'C' stability class(es) 7.2%

AIR SCIENCES INC. SBRIND(1.2) 08/01/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'D'

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA

5.		Spec	ed Class	Interva	ls(kts)			Kean
Direction	1,<3	3,<6	6,<10		16, <21		All	Speed
Х	0.0	0.2	0.3	0.2	0.0			
NNE	0.0	0.0	0.3			0.0	0.7	8.5
NE	0.0			0.1	0.0	0.0	0.4	7.7
		0.0	0.2	0.0	0.0	0.0	0.2	7.9
ENE	0.0	0.0	0.0	0.1	0.0	0.0	0.1	11.7
E	0.0	0.0	0.0	0.2	0.0	0.0	0.2	12.7
ESE	0.0	0.0	0.0	0.1	0.0	0.0	0.1	13.8
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SSE	0.0	0.3	0.0	0.1	0.0	0.0	0.4	0.0
S	0.0	0.2	0.2	0.2	0.0	0.0		6.5
รรผ	0.0	0.3	2.0	3.6			0.6	7.5
SR	0.0	0.3			1.9	0.4	8.2	13.5
			2.1	6.1	1.5	0.5.	10.2	13.2
HSH	0.0	0.2	1.5	1.3	0.3	0.0	. 3.2	10.9
H	0.0	0.0	1.5	1.3	0.2	0.0	3.1	10.8
ANA	0.0	0.0	2.0	6.7	3.4	1.3	13.3	14.7
NU	0.7	0.0	1.7	17.2	23.0	14.4	56.3	
หหผ	0.0	0.2	0.9	1.3	0.3	0.2		18.1
A11	0.1	1.4	12.7	38.4			3.1	12.4
		• • •	14.7	20.4	30.6	16.8	100.0	15.9

Calm (less than one knot) = 0.0%
Period mean wind speed = 15.9 knots
Percent occurrance for 'D' stability class(es) 71.6%

AIR SCIENCES INC. SBHIND(1.2) 08/01/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'E'

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA

		Spe	ed Class	Interva	ls(kts)			Hean
Direction	1,<3	3,<6	6,<10	10,<16		>21	All	Speed
N	0.0	4.3	4.3	0.0	0.0	0.0	8.7	6.2
NNE	2.2	2.2	2.2	0.0	0.0	0.0	6.5	5.2
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	2.2	0.0	0.0	0.0	2.2	6.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	8.7	0.0	0.0	0.0	0.0	8.7	3.9
S	0.0	13.0	4.3	0.0	0.0	0.0	17.4	5.4
SSA	0.0	6.5	2.2	0.0	0.0	0.0	8.7	5.5
SH	0.0	4.3	10.9	0.0	0.0	0.0	15.2	6.3
WSW	0.0	0.0	13.0	0.0	0.0	0.0	13.0	6.4
H	0.0	2.2	4.3	0.0	0.0	0.0	6.5	6.2
คหต	0.0	0.0	8.7	0.0	0.0	0.0	8.7	6.6
NП	0.0	0.0	4.3	9.0	0.0	0.0	4.3	6.6
หหต	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A11	2.2	41.3	56.5	0.0	0.0	0.0	100.0	5.8

Calm (less than one knot) = 0.0%
Period mean wind speed = 5.8 knots
Percent occurrance for 'E' stability class(es) 2.6%

AIR SCIENCES INC. SBUIND(1.2) 08/01/90

FREQUENCY OF HINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'F'

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA

Speed Class Intervals(kts)								: Kean
Direction	1, <3	3,<6	6,<10	10,<16	16, <21	>21	All	Speed
N	2.1	7.8	0.0	0.0	0.0	0.0	7-3	
						0.0	9.9	3.9
NNE	2.1	4.3	0.0	0.0	0.0	0.0	6.4	3.5
NE	2.1	2.1	0.0	0.0	0.0	0.0	4.3	3.2
ENE	2.8	0.0	0.0	0.0	0.0	0.0	2.8	2.4
E	5.0	0.0	0.0	0.0	0.0	0.0	5.0	2.5
ESE	2.1	0.0	0.0	0.0	0.0	0.0	2.1	2.7
SE	0.7	0.7	0.0	0.0	0.0	0.0	1.4	3.0
SSE	2.1	7.1	0.0	0.0	0.0	0.0	9.2	3.8
S	2.8	15.6	0.0	0.0	0.0	0.0	18.4	3.7
SSW	4.3	9.9	0.0	0.0	0.0	0.0	14.2	3.6
SK	0.7	5.7	0.0	0.0	0.0	0.0	6.4	4.1
ผรผ	0.0	2.8	0.0	0.0	0.0	0.0	2.8	4.8
H	1.4	5.7	0.0	0.0	0.0	0.0	7.1	4.3
ผหต	0.0	2.1	0.0	0.0	0.0	0.0	2.1	4.1
NH	0.0	2.8	0.0	0.0	0.0	0.0	2.8	4.1
иии	2.1	2.8	0.0	0.0	0.0	0.0	5.0	3.8
All	30.5	69.5	0.0	0.0	0.0	0.0	100.8	3.7

Calm (less than one knot) = 0.0%
Period mean mind speed = 3.7 knots
Percent occurrance for 'F' stability class(es) 7.9%

AIR SCIENCES INC. SBWIND(1.2) 08/01/90

APPENDIX D Wind Speed Frequency Distributions

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA APRIL 1990

Day	< 10	>=10 ,	>=13, < 16	 >=16, < 19				•		Hax Gust	
	- 10							< 31 	>=31	(mph)	Period
1	44.3	11.7	10.6	12.4	11.8		2.3	0.4	0.0	32.3	1
2	83.8	11.6	4.0	0.6	0.0	0.0	0.0	0.0	0.0	19.1	i
3	58.9	23.8	9.3	5.2	2.1	0.6	0.1	0.0	0.0	28.0	2
4	95.3	3.2	1.3	0.2	0.0	0.0	0.0	0.0	0.0	18.4	
5	42.1	21.2	17.6	11.1	6.1	1.7	0.2	0.0	0.0	28.6	2 2
б	61.6	19.3	9.7	6.2	2.8	0.5	0.0	0.0	0.0	26.6	3
7	38.3	15.7	16.8	15.8	9.7	3.3	0.4	0.0	0.0	30.0	2
8	27.4	8.2	4.8	6.7	9.7	10.7	9.9	9,2	13.4	49.1	2 3
9	72.3	9.0	5.2	6.3	5.0	1.9	0.4	0.0	0.0	30.3	1
10	72.5	7.6	10.2	7.5	2.1	0.2	0.0	0.0	0.0	25.5	3
11	0.2	2.5	9.1	19.2	20.7	16.8	13.9	10.1	7.5	40.9	3
12	34.8	7.2	7.9	15.3	17.9	10.8	4.1	1.6	0.3	33.4	1
13	69.8	17.5	6.4	5.2	1.1	0.1	0.0	0.0	0.0	23.7	i
14	62.3	13.8	10.9	8.4	3.9	0.8	0.0	0.0	0.0	25.7	3
15	28.0	26.8	16.9	14.5	9.8	3.7	0.3	0.0	0.0	27.5	2,
16	12.4	15.0	25.7	26.9	14.1	4.8	1.1	0.1	0.0	29.8	. 2
17	29.4	14.3	10.3	15.3	17.4	10.1	2.9	0.4	0.0	32.0	2
18	13.5	17.7	21.1	20.4	16.0	8.8	2.1	0.4	0.0	32.7	
19	47.7	18.6	17.6	11.4	4.0	0.7	8.1	0.0	0.0	27.7	2 3 3 3 3
20	14.5	17.6	19.9	21.8	16.6	7.8	1.6	0.2	0.0	34.6	3
21	31.4	30.4	22.6	11.2	3.7	0.6	0.1	0.0	0.0	29.6	3
22	5.5	11.1	14.5	14.7	15.3	16.4	12.9	7.1	2.4	38.2	3
23	18.9	17.0	15.9	15.2	11.8	~ 7.7	3.7	2.0	7.9	62.7	3
24	9.2	4.8	3.2	3.2	5.5	7.6	9.0	11.6	45.9	53.6	
25	23.7	8.7	9.6	13.0	11.6	10.5	8.7	7.4	6.7	44.5	2 3
26	7.6	6.6	7.2	11.3	13.7	15.9	15.4	11.1	11.3	47.9	1
27	53.9	10.9	10.8	9.8	7.3	4.3	1.8	0.8	0.3	39.3	1
28	**	**	**	xx	**	**	**	**	**	**	××
29	**	**	**	**	**	**	**	**	**	**	**
30	EX	.**	**	**	**	**	**	**	**	**	**
A11*	39.5	13.5	11.7	11.4	9.0	5.7	3.4	2.3	3.4	62.7	3

^{*} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

^{**} Invalid or missing data

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA HAY 1990

(%)

Wind	Speed	Interval	ls I	(mph)
------	-------	----------	------	-------

		, , 10=c	 >=13,	 >=16,	>=19,	>=22,	 >=25,			Kax Gust	Time
Day	< 10	₹ 13	< 16	< 19	< 22	< 25	< 28	< 31	>=31		Period
1	**	**	**	**	**	**	**	XX (2)	a ax	11	zz
2	**	; **	**	**	××	**	**	**	XX	**	**
3	**	本本	××	**	××	**	₅ **	**	**	**	XX
4	**	**	**	**	**	**	**	**	**	x*	xx
5	**	## 955	**	××	**	**	XX	**	×ж	XX	××
6	**	**	**	**	**	**	xx	**	**	**	**
7	**	**	**	**	**	**	××	**	zz	**	××
8	**	**	**	**	**	**	**	XX	**	XX	xx.
9	**	XX.	**	**	T#	**	**	**	××	**	xx
10	**	**	**	**	**	**	**	**	**	**	**
11	**	**	**	**	**	**	**	XX	**	¥±	11
12	**	**	**	**	**	**	**	**	**	**	**
13	**	XX	**	**	**	**	XX	**	**	xx	II
14	**	**	**	**	**	**	**	**	××	xx	**
15	41.7	2.8	3.6	6.6	11.1	13.7	11.2	7.1	2.1	37.9	3
16	62.9	14.8	11.0	7.0	2.9	1.1	0.2	0.0	0.0	28.0	
17	34.7	10.9	17.0	20.1	12.5	4.0	0.7	0.1	0.0	33.0	3
18	21.7	18.8	23.2	20.4	10.8	3.7	1.1	0.3	0.0	32.0	2
19	18.1	7.9	11.5	15.6	17.5	15.6	9.3	3.7	0.8	36.6	1
20	2.6	6.4	14.1	20.0	22.4	19.0	10.6	3.9	1.1	39.6	1
21	29.6	15.0	15.9	17.5	12.7	5.9	2.3	8.9	0.3	33.0	1
22	57.3	16.9	14.5	8.7	2.4	0.2	0.0	0.0	0.0	27.3	3
23	31.6	7.7	7.8	10.1	11.5	11.2	8.7	6.9	4.5	48.2	3
24	8.4	1.4	3.8	10.9	20.0	25.1	20.5	12.7	5.1	3B.6	1
- 25	12.1	13.1	16.6	21.1	19.4	12.8	4.0	8.6	0.1	33.0	1
26	37.9	13.2	13.7	14.1	12.1	6.8	1.8	0.2	0.0	33.0	2
27	17.4	18.0	18.0	18.2	15.8	10.3	2.2	0.2	0.0	29.8	2
28	15.5	16.4	12.0	13.0	15.5	13.0	8.3	4.4	1.9	39.8	2
29	0.8	3.1	8.4	16.3	22.9	24.0	15.9	6.5	2.0	37.0	3
30	8.1	7.8	13.8	20.5	19.3	16.5	9.3	4.0	0.8	36.2	3
31	20.3	7.0	7.4	11.7	15.6	15.0	11.8	7.4	3.8	39.6	2
All*	24.3	10.7	12.5	14.8	14.4	11.7	6.9	3.5	1.3	48.2	3

^{*} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.
** Invalid or missing data

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD HOUNTAIN PROJECT - MOJAVE, CALIFORNIA JUNE 1990 (%)

					•		(-[]				
Oay 	< 10 	>=10 < 13	>=13, < 16	>=16, < 19			>=25,	>=28, < 31			Time Period
1 2	19.6		5.8	14.1	21.2	16.6	8.2	4.5	4.0	44.8	1
3	49.8	9.2	15.9	15.7	7.2	1.9	0.3	0.0	0.0	27.7	1
	47.4	6.8	4.0	3.9	5.9	8.9	9.8	8.2	5.1	39.5	3
4 5	12.2	9.2	8.5	8.2	10.3	16.3	16.4	11.7	7.1	41.3	3
	0.2	1.0	2.8	9.4	19.0	26.0	21.7	13.1	6.6	40.2	2
6	0.1	0.5	1.3	4.6	9.2	14.1	15.5	16.0	38.8	55.7	3
7	29.9	2.9	4.3	9.4	10.9	11.7	11.3	9.4	10.2	47.3	1
8	43.0	14.2	11.7	12.8	11.0	5.2	1.9	0.3	0.0	33.0	
9	27.8	18.2	19.9	17.5	10.4	4.5	1.5	0.2	0.0	30.5	3 3
10	30.9	12.6	11.3	14.7	15.1	10.2	4.3	0.9	0.0	32.1	
11	17.9	10.7	12.9	16.6	18.2	13.0	7.0	2.6	1.1	38.9	3 3
12	5.1	5.6	8.4	15.0	19.1	20.2	13.6	8.2	4.7	39.1	2
13	27.3	11.3	8.6	9.2	9.0	11.1	10.8	8.9	3.7	36.4	3
14	32.3	12.9	13.0	20.5	15.6	5.0	0.6	0.1	0.0	30.2	3
15	18.5	7.3	6.7	8.2	11.5	16.2	14.9	11.0	5.7	42.0	3
16	34.3	11.9	12.7	15.3	12.1	8.4	3.6	1.4	0.3	35.2	1
17	44.5	13.2	13.8	14.7	10.5	3.1	0.2	0.0		26.9	2
18	42.9	11.0	9.4	10.3	11.0	8.5	4.4	1.9	0.5	38.7	3
19	45.9	17.5	15.7	11.2	4.9	3.2	1.3	0.2	0.0	33.7	1
20	64.4	14.8	12.3	6.8	1.6	0.1	0.0	0.0	0.0	23.7	•
21	65.3	10.6	9.5	9.1	4.6	0.8	0.1	0.0	0.0	26.8	2
22	38.6	23.8	12.3	9.6	9.6	5.4	0.7	0.0	0.0	28.7	3
23	44.5	13.7	16.6	16.6	7.4	1.0	0.0	0.0	0.0	25.9	2
24	31.4	15.9	21.9	19.3	8.5	2.5	0.4	0.0	0.0	29.4	
25	14.3	9.6	12.3	16.3	17.5	14.7	9.8	4.5	1.1	35.9	3 3
26	0.7	2.7	6.2	12.1	17.3	18.9	16.3	13.0	12.7	44.1	2
27	19.1	7.4	6.5	9.3	13.2	15.4	12.6	9.5	6.9	40.9	2
28	3.1	6.6	14.0	22.2	24.6	18.2	8.3	2.4	0.6	35.5	1
29	37.2	18.0	24.1	17.3	3.3	0.1	0.0	0.0	0.0	24.1	
30	40.0	24.1	19.6	11.8	3.8	0.7	0.0	0.0	0.0	26.6	2
All*	29.6	11.0	11.4	12.7	11.4	9.4	6.5	4.3	3.6	55.7	3

^{*} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

METEOROLOGICAL DATA SUMMARY JANUARY - MARCH 1990 SOLEDAD MOUNTAIN PROJECT

Prepared for Noranda Mining Corporation Lakewood, CO

> Prepared by Air Sciences Inc. Lakewood, CO

Project No. 58-07 May 1990

Table of Contents

1.0 INTRODUCTION	1
1.1 Location	1
1.2 Program Description	9
1.3 Data Recovery	
g Sa	
2.0 METEOROLOGICAL DATA SUMMARY	4
2.1 Winds	
2.2 Temperature	8
APPENDIX A - AIRS TABLES	
APPENDIX B - FREQUENCY DISTRIBUTIONS BY DIRECTION AND SPEED	
APPENDIX C - WIND SPEED FREQUENCY DISTRIBUTIONS	

List of Tables

4	DATA RECOVERY	4
ı	DATA RECOVERY	7
2	FREQUENCY OF WINDS BY DIRECTION AND SPEED	/
_	FREQUENCY OF WINDS BY DIRECTION AND STABILITY	7
3	FREQUENCY OF MINDS BY DIRECTION AND 31 ABIETT	_
Λ	MONTHLY TEMPERATURE MEANS AND EXTREMES	8

List of Figures

1	GENERAL PROJECT LOCATION	2
2	WIND FREQUENCY DISTRIBUTION	6

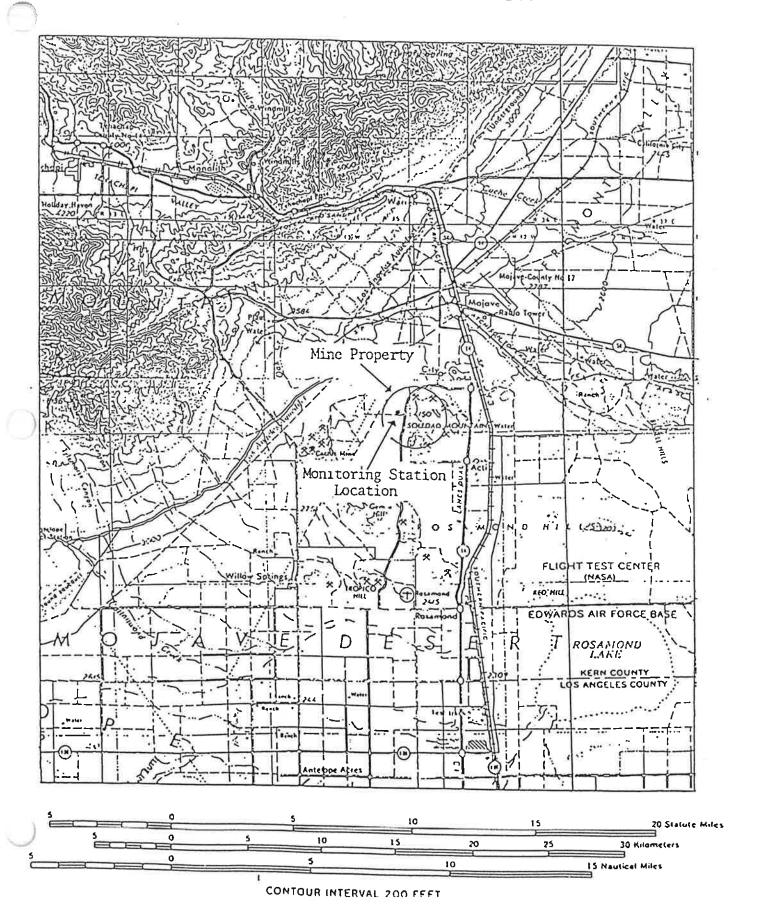
1.0 INTRODUCTION

This report summarizes three months of meteorological data collected near Soledad Mountain in the Mojave Desert of Kern County, California for Noranda Mining Corporation near a proposed open-pit mining project known as Soledad Mountain Project. Data for this report was collected from January 1 through March 31, 1990. This report summarizes the second quarter of the monitoring program which began on September 29, 1989. Monitoring was performed in accordance with "Sampling Protocol, Golden Queen Mine Project, Mojave, California," (Air Sciences Inc., October, 1989). The purpose of the monitoring was to collect dispersion meteorological data to be used in dispersion modeling and to collect climatological values.

1.1 Location

The Soledad Mountain monitoring station is located on the plains west of Soledad Mountain in the Mojave Desert of southeastern Kern County, California. The site is approximately 12 miles northwest of Rosamond Lake and 5 miles south southwest of the town of Mojave. The mine pit and waste dumps are located on the western side of Soledad Mountain, just east of the Mojave-Tropico Road. The monitoring station is located approximately one-quarter mile west of Mojave-Tropico Road and west of proposed pits and tailings dumps. The station will be located on the desert plain at a lower elevation than the proposed pits and dumps in an area where the meteorological data should define the wind patterns that will carry pollutants toward residential areas. The station is at an approximate elevation of 2,850 feet MSL at UTM coordinates 3,871 km north and 389 km east (the southwest quarter of Section 1, T 10 N, R 13 W). Vegetation is sparse in this part of the Mojave Desert Basin and consists of sagebrush and widely scattered Joshua trees. The monitoring location is shown on Figure 1.

GENERAL PROJECT LOCATION



1.2 Program Description

The parameters of wind speed, wind direction, direction deviation (sigma theta) and temperature are measured and recorded at the single monitoring location. The wind parameters were measured by sensors mounted atop a 10-meter meteorological tower. Temperature was measured by a sensor located in an aspirated shield at the 2-meter level on the tower.

The meteorological data are sampled every 10 seconds by a digital Data Acquisition System (DAS) and processed and stored in 15-minute average format and as 8-hour wind speed maximum and frequency distribution data. The DAS digitally stores sine and cosine of wind direction, wind speed and temperature on a time-averaged basis. The 15-minute and 8-hour data are regularly transferred by mail to Air Sciences Inc. (Air Sciences) for processing and archiving. Environmental Protection Agency (EPA) methods are used to process the 15-minute data into hourly averages of wind speed, wind direction, wind direction deviation (sigma theta), and temperature as suggested in "On-Site Meteorological Program Guidance for Regulatory Modeling Applications," (EPA-450/4-87-013, Sections 6.0-6.4). Processing of the 8-hour data is performed by the DAS prior to the recording of the data onto the solid-state memory module.

Calibrations of the monitoring equipment are performed in accordance with the sampling protocol. Equipment calibration and audit procedures, as well as procedures used for data quality assurance, are based on EPA guideline documentation and are fully described in the monitoring plan. There were no calibrations or audits performed during the first quarter of 1990.

1.3 Data Recovery

Data recovery rates for all parameters during this quarter are presented in Table 1. Recovery was 100 percent for all meteorological parameters. Data recovery rates for this quarter of data collection exceeded the minimum EPA recommended average rate of recovery for meteorological sampling, stated as an annual average, of 90 percent. For the six months of monitoring since station installation, overall data recovery is 100 percent for all parameters.

TABLE 1
DATA RECOVERY

<u>Parameter</u>	<u>Percent</u>
Wind Speed	100
Wind Direction	100
Sigma Theta	100
Temperature	100

2.0 METEOROLOGICAL DATA SUMMARY

The meteorological parameters were sampled on site every 10 seconds and digitally processed into 15-minute averages. The 15-minute averages were transmitted to Air Sciences for quality assurance checks and to be used as input for the calculation of 1-hour averages. All summary data presented in this section were produced by the processing of hourly averaged data into tables of summary statistics and AIRS format tables, and the processing of 8-hour data into daily averages. The meteorological values of wind speed, wind direction and temperature, collected during the quarter are presented as hourly averages in AIRS format by month for each parameter in Appendix A.

2.1 Winds

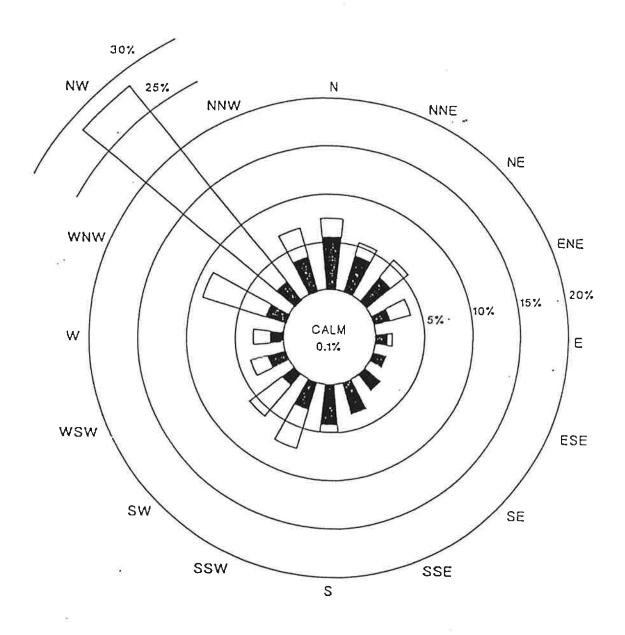
The wind frequency distribution by direction and speed for all atmospheric stability classes shown as Table 2 and Figure 2 shows that the highest frequency of winds was from the northwest (N through WNW). These northwesterly winds accounted for over 51 percent of the total winds. The highest wind speeds were from the northwest at an average of 15.9 knots (18.3 mph). All other winds were much lower in speed as shown by the overall wind speed for all directions of 9.2 knots (10.6 mph). The frequency distributions by direction and speed for stability classes A through F are included in Appendix B.

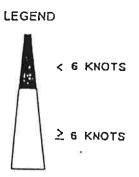
Appendix C contains one table for each month of data collection and displays daily wind speed frequency distributions (histograms). Each table contains the average daily percentages of winds in each wind speed category for each day of the month with a maximum wind gust for the day and a record of the time period in which the maximum wind gust occurred. Time period 1 is defined as the hours of midnight to 8 a.m., period 2 is the hours of 8 a.m. to 4 p.m., and period 3 equals the hours of 4 p.m. to midnight. Frequency distributions were recorded for each 8-hour time period from 10-

second wind speed data. These 8-hour histograms were processed by Air Sciences into daily average histograms. The 8-hour time periods for January 27 through February 7 are composed of 8 hours of data; but the beginning and ending times are actually about 2 and one-half hours later than the normal time periods as define above. This problem was due to the data logger's internal clock being inadvertently reset by the operator on January 27. The maximum wind gust for the quarter occurred on March 5 during time period 2 and was 56.3 mph.

Table 3 shows the frequency distribution of direction by atmospheric stability categories A through F. Categories A through C occur in the daytime and categories E through F occur at night. Category D occurs in both daytime and nighttime. Stability class was calculated by the method of Irwin (1980) which uses wind speed, standard deviation of wind direction and local sunrise and sunset times for determining daytime and nighttime periods. The assumed terrain surface roughness is 15 centimeters. Table 3 shows that the daytime winds blew out of the northeast (NE through ENE) and south (SSE through SSW) and the nighttime winds blew predominately out of the north (NNW through NNE). Over half of the total occurrences of stability class D winds came from one direction, northwest.

FIGURE 2
WIND FREQUENCY DISTRIBUTION





SOLEDAD MOUNTAIN PROJECT MOJAVE, CALIFORNIA JANUARY - MARCH 1990

TABLE 2
FREQUENCY OF WINDS BY DIRECTION AND SPEED
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
JANUARY - MARCH 1990

			Speed C	lass Inter-	vals (kts)			
Disastian	1 42	2 .6						Mean
<u>Direction</u>	<u>1, < 3</u>	<u>3, < 6</u>	6. < 10	<u>10, < 16</u>	<u>16, < 21</u>	<u>>21</u>	All	Speed
N	2.9	2.7	1.7	0.2	0.0	0.0	7.5	4.5
NNE	1.6	2.4	1.1	0.3	0.0	0.0	5.4	4.7
NE	1.0	2.3	2.0	0.3	0.0	0.0	5.6	5.4
ENE	0.4	1.3	2.0	0.2	0.0	0.0	3.9	6.2
Ε	0.4	0.8	0.4	0.0	0.0	0.0	1.7	4.9
ESE	0.6	0.7	0.0	0.0	0.0	0.0	1.3	3.5
SE	0.7	1.2	0.1	0.0	0.0	0.0	2.0	3.6
SSE	0.9	2.3	0.1	0.0	0.0	0.0	3.3	3.7
S	1.2	3.0	0.6	0.0	0.0	0.0	4.9	4.2
SSW	8.0	2.2	1.7	1.4	0.9	0.1	7.2	8.7
SW	0.5	1.1	2.0	2.0	0.3	0.0	5.8	9.0
wsw	1.1	0.8	1.2	0.6	0.1	0.0	3.7	6.4
W	0.7	0.7	0.9	0.7	0.1	0.0	3.1	7.0
WNW	1.5	0.7	1.8	3.3	1.4	0.2	8.9	10.5
NW	1.9	0.6	2.0	8.3	11.2	4.4	28.4	15.9
WNN	2.5	1.3	1.4	1.1	0.4	0.2	6.9	7.0

Calm (less than one knot) = 0.1% Period mean wind speed = 9.2 knots

24.3

19.0

18.7

AΠ

TABLE 3
FREQUENCY OF WINDS BY DIRECTION AND STABILITY
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
JANUARY - MARCH 1990

18.5

14.4

4.9

99.9

9.2

	Direction	A	<u>B</u>	<u>c</u>	0	c	-	4.11
•	N	0.1	0.2	0.1	<u>D</u> 1.6	<u>E</u>	<u>F</u>	<u> All</u>
	NNE	0.7	0.1	0.1		1.6	4.0	7.5
	NE	1.3			1.0	8.0	2.4	5.3
	ENE		0.6	1.4	1.0	0.1	1.2	5.6
		1.2	0.9	1.5	0.1	0.0	0.3	3.9
	E	0.6	0.2	0.2	0.2	0.1	0.5	1.6
	ESE	0.7	0.1	0.1	0.0	0.0	0.6	1.4
	SE	0.9	0.3	0.1	0.1	0.1	0.6	2.0
	SSE	1.6	0.1	0.1	0.1	0.3	1.0	3.3
	S	1.2	0.6	0.5	0.8	0.4	1.6	4.9
	SSW	0.7	0.5	0.3	3.7	0.5	1.5	7.2
	SW	0.1	0.2	0.5	3.7	0.3	1.1	5.8
	wsw	0.1	0.3	0.1	1.4	0.3	1.5	3.8
	W	0.1	0.0	0.3	1.5	0.3	1.1	3.6
	WNW	0.1	0.0	0.5	6.1			
	NW	0.1				0.4	1.9	8.9
			0.3	0.6	25.1	0.3	2.2	28.4
	WWW	0.0	0.1	0.3	3.1	0.7	2.8	6.9
i,	ALL	9.3	4.3	6.8	49.3	6.1	24.1	99.8
							- · · ·	

2.2 Temperature

Temperature data summaries are presented in Table 4. Average temperature for the data collection period was 8.9 °C (48.0 °F). The coldest month of the period was January and the warmest was March. The minimum temperature recorded was -7.6 °C (18.3 °F) and the maximum was 28.4 °C (83.1 °F).

TABLE 4
MONTHLY TEMPERATURE MEANS AND EXTREMES (°C)
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
JANUARY - MARCH 1990

Month JAN FEB MAR	Average Daily Maximum 13.1 13.6 19.5	Average Daily <u>Minimum</u> 0.2 0.7 7.4	Daily <u>Average</u> 6.3 7.1 12.9	Monthly Maximum 20.8 23.1 28.4	Monthly <u>Minimum</u> -7.6 -5.0 -0.2
QTR	15.4	2.8	8.9	28.4	-7.6

APPENDIX A AIRS TABLES

HOURLY AVERAGED PIND SPEED JANUARY 1990 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A HETERS PER SECOND

DAY	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	28	21	22	23	AYG
1	12	16	10	12	14	12	17	17	10	47	76		97	93	100	95	72	37	32	29	42	42	38	34	44
) 2	12 34	16 34	18 19	13 17	14 22	13 25	17 23	17 31	19 58	47 54	76 88	93 89	99	104	108	103	129	114	118	98	43 98	43 97	36 81	64	71
2	29	35	19	17	11	18	11	12	16	20	28	30	22	23	25	22	25	20	110	7	9	10	12	13	a / 1
A	12	11	15	14	11	11	7	7	6	11	21	26	30	31	16	14	12	25	13	21	8	9	14	21	15
۶ ۲	24	30	23	11	15	16	14	14	12	25	36	29	17	23	17	19	22	18	11	10	12	15	10	11	18
6	16	13	13	13	10	17	12	15	13	20	11	16	21	25	28	24	16	15	18	13	28	44	73	67	23
7	37	44	44	47	42	44	27	16	51	94	76	50	85	96	122	105	88	109	122	115	106	55	121	106	75
8	66	72	102	89	59	67	85	74	71	64	88	73	112	110	110	124	139	72	46	55	53	55	36	27	77
9	11	13	11	15	10	11	13	34	35	33	29	25	19	18	17	26	24	22	16	6	9	15	9	13	18
18	9	8	5	6	10	5	8	13	15	13	30	21	17	13	13	16	19	17	14	8	10	18	9	8	13
11	11	9	. 6	10	12	10	7	13	12	30	23	32	36	37	40	34	28	18	15	12	12	17	20	18	19
12	11	9	8	10	19	16	15	17	12	18	21	23	58	76	80	77	78	74	66	52	55	68	59	59	48
13	42	32	38	24	30	16	19	31	50	84	68	72	74	47	62	70	84	84	61	45	48	65	55	54	52
14	34	23	30	17	35	15	11	11	24	46	57	58	58	66	67	54	44	38	26	18	23	17	23	23	34
15	19	18	15	17	15	16	25	32	52	52	43	17	17	22	48	50	57	57	56	53	51	32	46	57	36
16	51	26	8	32	28	16	11	22	29	38	45	54	58	72	70	81	76	73	75	42	19	25	30	17	41
17	20	14	-18	32	34	21	39	49	52	44	73	89	81	82	89	87	72	78	76	75	45	29	27	17	52
18	9	9	11	12	14	12	12	16	18	20	24	21	20	23	21	32	18	15	19	12	9	14	11	12	16
19	18	9	21	19	14	10	8	9	13	13	13	23	33	27	21	22	22	13	12	7	8	14	21	31	16
28	9	8	8	22	38	31	26	32	39	39	39	36	39	41	39	48	38	26	20	26	25	34	33	38	30
21	34	27	30	29	33	34	39	42	39	45	55	48	54	44	41	35	38	30	25	31	12	15	14	11	34
22	14	11	12	12	10	15	13	6	7	28	12	16	14	15	21	21	27	17	25	9	10	11	14	8	14
23	10	18	15	11	9	13	13	9	9	14	17	13	18	23 ⁻¹ 48	35	54	81	61 58	64 51	73 37	48 - 45	31 45	15 52	13 52	27
24 25	12 28	15 7	30 9	45 8	46 11	33	18 15	37 23	31 18	37 23	39 30	43 34	41 33	48 28	41 25	52 22	44 15	10	15	6	45	45 8	52 14	10	40 17
26	14	22	18	25	16	9 22	19	17	24	23 26	78	93	98	109	97	114	109	101	131	123	125	159	168	114	76
27	62	68	59	63	46	29	31	48	46	56	63	56	52	36	33	26	22	18	25	20	21	22	26	30	40
28	26	21	12	16	15	11	18	8	8	15	25	20	23	25	19	15	24	29	21	16	19	52	26	27	20
29	32	26	48	17	34	21	37	38	45	56	105	115	118	123	98	89	101	38	60	57	59	58	25	45	68
30	34	14	28	13	18	67	39	42	33	27	25	78	96	72	87	95	67	43	17	63	75	77	85	67	53
31	63	57	95	114	120	101	88	96	105	96	89	81	90	85	88	98	77	76	74	82	100	93	83	76	89
٠.			-1-				~											70							
AVERAGE	26	23	25	25	26	24	23	27	31	38	46	48	53	53	54	55	54	45	43	39	38	40	49	37	38

^{*} Indicates calibration of sensors

HOURLY AVERAGED DIRECTION JANUARY 1790 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIHUTH

					98																			
DAY	θ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
																							S0.000	
1	27	321	191	284	257	199	232	180	179	206	207	211	207	210	210	211	217	272	246	282	216	217	288	206
2	206	192	141	144	91	50	357	291	297	308	313	312	312	310	309	317	314	315	312	322	312	315	319	316
3	2	294	37	300	121	353	86	9	27	91	146	136	120	51	50	48	88	106	341	39	333	349	282	298
4	320	7	337	2	351	354	41	295	140	90	78	68	78	98	51	81	125	275	252	216	169	191	344	350
5	353	358	357	125	205	206	339	355	11	17	37	35	51	129	202	155	161	180	289	27	360	350	34	226
6	317	21	313	360	296	353	265	280	169	177	123	152	158	172	172	166	185	199	245	246	161	291	328	333
7	384	300	306	315	342	9	350	260	338	327	348	2	323	324	313	321	307	312	310	308	307	315	309	306
8	336	318	326	326	329	317	317	289	303	299	315	323	325	322	322	320	316	26	35	32	39	19	9	11
9	291	264	246	332	17	328	309	360	16	33	34	25	37	156	174	173	178	204	328	355	314	303	7	351
18	339	311	252	307	342	327	329	8	40	84	46	36	42	149	165	144	158	288	307	343	321	358	13	279
11	325	347	189	295	308	184	267	11	15	18	21	31	28	40	49	52	58	297	241	260	193	167	178	175
12	173	250	236	324	12	56	171	173	138	148	157	212	222	221	221	216	208	216	225	230	241	215	212	205
13	216	208	215	214	204	199	175	172	195	208	210	212	214	215	214	210	209	209	218	246	213	201	199	214
14	202	221	239	216	274	166	76	284	184	215	217	220	217	219	218	207	221	233	219	162	198	147	174	191
15	173	216	178	162	205	178	277	292	305	298	311	36	181	231	274	333	311	302	314	311	306	288	298	307
16	302	219	297	275	254	204	182	218	215	190	236	231	232	213	209	216	212	212	215	241	124	344	288	210
17	28	144	13	332	299	232	287	313	305	330	305	316	319	322	317	312	314	315	316	316	339	333	330	344
18	311	181	247	351	353	240	172	168	146	143	190	185	77	55	53	77	27	184	245	289	228	222	246	302
19	334	332	8	13	349	341	5	38	38	212	170	36	39	46	142	166	194	186	251	274	348	320	350	356
20	13	334	308	352	17	5	344	351	36	38	48	56	56	62	38	53	36	14	16	32	12	16	7	355
21	354	9	358	352	348	348	356	2	22	41	48	59	67	62	74	71	94	83	17	359	321	328	15	9
22	8	2	328	9	315	303	328	18	52	151	161	48	54	67	96	119	62	104	334	8	360	250	303	346
23	319	318	298	20	8	8	251	208	152	169	163	110	153	192	164	273	303	291	331	347	340	354	230	326
24	289	247	355	6	345	348	305	360	20	51	67	78	65	71.	64	70	77	91	85	11	15	24	34	31
25	334	31	343	324	334	356	321	334	354	39	40	68	68	64	42	42	24	237	294	357	319	238	263	242
26	255	203	246	248	110	252	5	144	168	199	303	308	316	316	302	323	331	339	332	334	332	318	309	312
27	300	313	324	330	336	7	360	34	42	54	51	56	53	49	65	69	41	36	1	355	356	348	348	343
28	343	354	358	6	8	338	330	256	36	148	191	186	157	190	187	178	180	195	237	189	288	345	357	335
29	28	231	291	206	351	153	273	261	247	275	296	299	303	300	313	318	320	180	316	291	335	314	23	300
30	295	95	328	99	282	307	287	300	246	276	211	245	239	245	215	208	241	282	94	312	293	302	309	301
31	318	307	307	311	314	304	318	313	317	318	319	320	315	310	310	314	312	308	307	310	310	311	314	309

^{*} Indicates calibration of sensors

^{**} Indicates invalid data

HOURLY AVERAGED TEMPERATURE JANUARY 1990 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	0	1	2	3	4	5	6	7	8	9	18	11	12	13	14	15	16	17	18	19	29	21	22	23	AYG
1			44	25		45																			
1	68	66	44	35	1	15	-2	11	95	134	158	151	152	150	143	126	102	85	85	89	73	54	38	33	79
2	46	43	37	32	24	27	24	16	38	50	44	46	50	57	56	46	42	30	33	31	29	26	25	21	36
3	14	14	1	-11	-23	-32	-42	-22	17	47	55	65	76	88	84	82	67	41	-10	-31	-30	-31	-58	-57	13
9	-60	-61	-64	-68	-57	-61	-76	-70	8	54	74	88	96	103	105	187	93	38	41	28	32	20	9	-1	16
2	17	-4	8	-26	-36	-35	-50	-32	42	85	103	113	129	136	141	140	122	75	35	24	45	32	2	-4	44
6	-2	6	-12	-12	-28	-33	-37	-31	47	84	112	127	138	143	141	148	129	89	47	37	83	100	110	189	62
1	105	116	113	116	107	108	103	100	117	117	128	136	154	159	155	148	141	122	117	116	128	129	120	124	124
8	118	120	120	121	120	124	131	126	150	161	165	182	185	180	178	187	175	164	151	122	128	108	96	82	141
9	51	37	25	15	19	12	-7	29	93	123	142	161	176	189	198	189	169	115	87	78	56	41	48	36	86
10	29	27	23	7	4	3	10	18	95	136	154	169	187	200	208	208	189	136	93	73	63	67	72	45	92
11	39	35	39	25	19	18	18	31	86	121	149	164	1,75	186	188	187	174	119	97	75	70	85	93	97	95
12	91	65	57	58	51	63	78	77	115	144	148	160	165	163	146	138	130	120	113	110	106	104	103	96	108
13	88	88	87	85	84	81	81	85	91	99	102	107	93	87	95	94	92	98	88	74	75	77	76	70	87
14	66	55	51	41	64	53	37	32	62	77	90	100	108	111	100	89	77	70	64	59	51	43	36	34	65
15 16	16 46	23	21	31	24	15	20	42	72	87	96	103	110	106	89	93	82	63	58	56	51	44	46	44	58
17	11	28 10	9	38	48	22	17	21	39	55	73	74	79	80	78	71	61	51	44	33	16	21	16	13	42
18	-17		4	15	18	11	12	14	20	30	34	41	37	34	36	26	23	18	17	19	7	1	3	-4	18
19		-13	-7	-5	-1	-16	-14	-14	8	7	24	47	79	81	84	84	74	46	21	11	3	. 8	-1	-5	19
20	-9	-9	-14	-20	-29	-31	-39	-24	13	41	58	68	74	83	91	91	80	50	20	18	20	6	-12	3	22
21	-10 -7	-17 -6	-26	-20	-4	-8	-23	-13	35	52	68	78	85	90	92	91	84	49	39	33	26	16	7	3	38
22	19		-4	-8 20	-28	-22	-11	θ	35	57	77	87	99	111	119	124	115	86	57	30	4	-4	3	17	39
23	-6	17	-9	-20	-21	-23	-41	-24	37	80	181	112	125	138	142	132	118	82	51	49	44	25	11	-13	47
24	-6	-13 2	-16 11	-21 29	-22	-31	-39	-19	46	98	109	133	141	152	154	153	133	115	126	112	98	81	68	23	65
25	32	10	7	-9	19	17	-5	28	79	118	126	137	144	147	152	154	146	131	118	70	58	48	57	55	77
26	16	38	54	67	-16	-26	-13	18	82	183	119	127	133	139	143	141	135	103	37	27	26	15	14	14	57
27	53	53	45	39	69	51	35	68	109	146	168	153	134	130	127	114	94	74	67	56	57	69	59	55	82
28	-7	-16	-28		32	6	3	35	46	68	82	97	187	112	115	115	110	77	22	31	31	24	4	-5	54
29	69	64		-7	-11	-22	-41	-37	41	87	87	107	127	132	139	144	136	92	46	60	60	94	103	65	56
30	81	78	76	67	70	74	88	84	101	127	145	149	139	155	155	139	126	119	115	103	102	97	88	88	106
31	42	70 37	47 36	41 37	74	85 25	74	86	110	120	135	144	154	148	135	117	99	73	61	58	48	47	46	49	87
31	74	31	20	31	36	35	35	39	51	67	81	92	92	96	92	77	65	46	43	41	42	45	48	57	56
AVERACE	32	28	24	21	19	10	11	21			102	443	420	405						8					
	26	20	24	41	13	15	11	21	64	89	103	113	120	125	125	121	109	83	64	54	51	48	43	37	63

^{*} Indicates calibration of sensors

HOURLY AVERAGED WIND SPEED FEBRUARY 1990 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A HETERS PER SECOND

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVC
1	61	55	44	37	68	76	66	94	141	178	144	128	178	155	131	132	136	125	135	139	151	140	96	80	111
2	122	76	77	107	187	94	87	88	67	44	38	46	48	39	35	27	16	14	14	10	9	12	11	13	50
3	9	13	15	13	12	15	6	7	9	10	14	20	17	15	29	34	31	22	40	32	27	29	41	67	22
4	48	36	43	50	45	46	23	24	25	31	86	100	94	93	139	129	120	106	102	93	94	97	96	106	76
5	106	86	42	19	13	11	14	14	15	21	13	27	26	30	30	28	27	28	48	27	25	35	48	23	32
6	11	21	13	8	12	13	13	11	11	14	23	21	32	36	65	83	80	72	66	52	46	62	70	74	38
7	78	83	82	76	84	101	93	103	109	121	128	129	119	117	105	110	104	105	96	88	74	66	47	54	94
8	46	45	17	18	19	16	13	20	15	20	28	21	21	24	21	55	67	62	85	75	84	88	86	42	41
9	31	31	25	29	31	22	12	13	14	11	14	18	21	21	18	24	28	24	20	17	12	8	9	11	19
10	10	13	8	8	6	5	11	17	13	15	34	37	27	18	20	29	23	17	12	11	7	11	11	21	16
11	9	11	7	9	29	32	18	14	29	34	27	22	22	22	17	23	25	18	13	16	9	18	25	30	20
12	39	35	38	30	21	19	16	16	31	35	63	92	99	97	93	88	71	48	28	69	46	43	75	104	54
13	99	74	98	105	55	34	45	38	37	47	97	93	104	113	137	137	118	104	99	70	89	83	92	63	84
14	63	53	57	96	103	99	101	93	88	98	97	87	98	98	105	99	88	86	65	69	69	76	66	57	84
15	27	26	36	38	36	25	17	15	23	42	30	31	33	31	32	22	61	59	55	46	31	29	13	30	33
16	33	48	53	53	28	26	26	24	56	81	86	109	115	110	92	75	92	93	98	72	84	92	84	69	71
17	59	63	32	31	25	21	17	25	35	55	69	74	98	89	91	89	84	76	59	54	51	48	59	47	56
18	48	42	51	36	31	41	31	52	57	49	54	77	52	97	94	110	118	118	116	89	98	94	101	104	72
19	96	191	187	114	102	93	105	64	59	78	76	76	82	88	72	62	48	30	38	32	19	14	13	21	66
20	18	14	8	11	12	13	8	11	12	14	13	19	23	24	27	25	25	21	34	33	34	57	47	38	23
21	27	18	11	14	7	12	14	10	15	21	21	28	38	43	40	31	24	14	25	14	12	8	9	14	20
22	22	15	14	15	26	24	31	32	30	32	38	41	41	28	29	28	27	24	19	14	- 17	22	17	13	25
23	18	15	11	11	13	13	10	6	17	45	43	35	38	35	31	28	25	17	14	8	13	18	17	13	21
24	18	23	27	21	10	11	9	8	12	30	40	35	41	29	19	21	16	10	15	9	6	8	7	9	18
25	28	12	9	13	16	28	18	17	16	16	33	35	22	34	32	34	30	29	11	15	21	25	36	21	22
26	15	21	35	30	11	30	22	19	20	26	28	32	30	23	22	36	58	33	40	42	29	37	23	15	28
27	31	22	14	22	34	21	15	8	11	15	24	35	.32	26	23	30	34	45	21	11	12	11	13	7	22
28	8	8	18	14	21	43	27	14	11	18	37	30	28	22	30	38	51	49	25	10	9	8	9	9	22
AVERAGE	41	38	35	37	35	35	31	38	35	43	58	54	55	56	56	58	58	51	50	43	42	44	44	41	44

^{*} Indicates calibration of sensors
** Indicates invalid data

HOURLY AVERAGED WIND DIRECTION FEBRUARY 1990 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIMUTH

DAY	0	1	1	2	3 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	3 19	20	21	22	2:	2
												- 2				222			10	, 1)	20	41	22	۷.	3
1	284	266	249	164	234	230	296	386	307	310	309	307	310	310	313	315	305	307	247	210	242	200			-
2	310	355	349	329	323	318	312	322			40	42	72	95	112	141						308	306		•
- 3	343	331	328	348	321	5	149	122			144	148	152	149			163	197			354	301	317	304	•
4	217	178	199	216		273	226	206	201	237	302	292			152	181	176	210	216		199	198	228	214	1
5	319	314	351	303	12	48	26	20	105	122	145		293	308	315	318	318	325	326		314	310	313	311	l
6	38	2	344	354	293	211	238	298	145		176	168	169	168	167	175	168	232	304	355	30	342	308	357	1
7	312	311	312	314	310	311	307	386	306	308	311	186	208	257	312	317	318	315	312		306	310	313	316	;
8	321	318	39	7	37	25	22	21	49	36		313	308	310	308	308	305	312	316	313	317	320	324	319	l
9	340	354	357	338	338	18	318	11	138		83	82	189	205	208	302	300	295	306	300	308	308	312	352	
10	269	315	313	355	6	192	269	345	113	165	168	68	79	160	51	156	187	201	17	9	25	337	322	285	ı
11	340	337	18	7	344	341	306	333	358	207	34	61	113	130	163	184	175	208	335	21	36	9	295	313	
12	213	193	214	229	199	157	160	157	216	21	52	46	29	112	326	174	179	211	205	303	266	186	187	187	
13	312	315	300	310	292	240	314	281	-	213	308	310	313	318	316	313	306	254	113	326	310	236	292	312	
14	308	304	315	309	312	318	312		249	333	308	311	312	310	308	310	308	307	308	293	288	291	297	314	
15	23	25	353	354	353	287	208	319 331	329	316	317	317	315	317	319	318	317	314	322	315	324	321	323	323	
16	226	239	245	238	185	207	189		52	306	206	178	181	215	313	358	318	313	300	260	273	240	294	213	
17	190	203	197	191	154	164		176	217	215	217	212	207	210	212	206	203	202	211	218	203	207	202	200	
18	211	200	228	242	211	•	213	215	219	211	285	208	209	203	203	201	200	218	211	211	221	218	225	219	
19	319	317	321	320	315	193 24	217	223	259	295	280	306	248	314	318	314	313	315	316	327	322	315	316	312	
29	15	222	136	316	298		324	338	320	337	341	339	321	319	314	314	297	283	297	288	275	31	36	15	
21	354	287	34	281	282	257 339	38	303	17	184	149	177	142	180	183	185	199	261	299	294	327	342	332	346	
22	353	358	28	17	351		359	334	64	66	72	59	53	69	69	70	106	201	343	20	349	328	1	321	
23	355	309	18	23		356	15	32	45	50	63	59	62	71	56	84	133	134	294	25	350	349	13	342	
24	337	336	336		316	91	339	318	12	46	47	71	63	64	67	59	58	342	335	27	27	11	263	9	
25	14	342		359	311	264	316	184	23	28	39	50	70	60	30	57	71	161	270	312	67	51		338	
26	214	271	305	341	350	351	168	15	188	77	39	45	72	134	142	178	192	194	104	222	262	267		238	
27	303	239	295	300	295	358	351	3	15	35	27	42	64	131	228	188	203	245	302	303		297		291	
28	161		163	13	360	13	114	11	146	161	69	69	66	117	185 -	178	197	219	173	209		183		301	
20	101	63	332	335	2	7	13	33	69	43	42	47 .	58	157	188	227		212	204			•		176	
																	PT	_		,	- 15	101	.00	110	

^{*} Indicates calibration of sensors
** Indicates invalid data

HOURLY AVERAGED LEGATURE FEBRUARY 1950 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
1	58	48	39	41	52	54	37	35	38	33	37	46	51	52	55	48	44	35	34	36	35	38	34	32	42
2	34	30	31	33	37	41	36	40	57	78	91	103	189	112	115	113	111	83	34	24	10	2	-6	-13	54
3	-28	-12	-23	-22	-25	-35	-39	-25	28	63	96	188	109	116	123	122	110	87	80	62	50	55	77	79	49
4	74	57	54	53	47	37	21	11	12	16	34	48	52	40	35	38	32	25	23	22	23	22	20	19	34
5	21	22	16	4	-2	1	1	16	46	64	83	87	99	106	110	111	108	83	68	55	52	59	51	35	54
6	29	13	8	-13	-15	-12	-6	10	59	83	98	121	134	143	131	98	75	61	54	60	75	53	45	44	56
7	45	42	41	39	37	33	36	32	34	34	36	46	62	62	57	45	33	25	21	18	17	13	16	11	35
8	5	3	-3	-16	-17	-21	-23	-18	29	47	60	72	82	92	101	95	78	42	34	32	38	42	39	32	34
9	29	24	28	23	18	-2	-14	0	50	81	100	116	126	138	141	142	134	99	66	61	53	42	16	1	61
19	-7	-15	-12	-21	-17	-28	-36	7	74	104	132	153	169	180	186	183	174	127	89	86	80	78	59	47	75
11	45	44	46	42	47	49	40	60	128	149	166	179	186	192	197	197	188	146	116	98	98	95	125	131	115
12	133	123	123	115	103	83	73	88	128	149	169	163	162	163	154	142	133	116	94	94	94	90	92	92	120
13	92	84	77	78	62	42	38	50	61	71	71	74	68	61	50	39	27	13	9	8	6	2	-1	-8	44
14	-17	-25	-30	-29	-29	-30	-32	-32	-23	-12	1	12	11	14	13	14	6	-9	-15	-15	-15	-17	-21	-25	-13
15	-27	-30	-48	-39	-41	-50	-49	-19	3	22	31	38	48	65	74	75	56	31	19	28	14	6	-19	-17	7
16	5	3	-2	2	-20	-18	-25	-15	23	37	48	58	56	53	47	43	40	34	29	21	22	22	23	38	22
17	34	33	33	38	40	43	46	48	58	71	85	83	91	103	105	98	84	68	54	47	49	37	35	31	59
18	32	35	31	25	27	27	29	39	49	36	45	39	45	36	38	34	8	-2	0	1	-1	-1	-3	-2	24
19	-1	0	2	2	4	18	6	14	35	47	69	75	81	80	83	86	83	62	47	39	31	26	33	28	39
28	6	-30	-26	-42	-38	-33	-42	7	61	87	111	125	133	141	147	144	133	116	104	101	100	100	90	98	66
21	87	72	64	30	23	8	6	36	182	127	146	151	158	162	155	155	151	128	77	77	67	51	51	31	88
22	44	32	20	27	37	35	57	96	128	147	163	173	181	190	194	198	194	171	108	83	89	82	81	67	108
23	79	57	56	36	32	28	16	70	148	168	182	201	206	214	218	219	212	178	118	122	129	128	93	68	123
24	72	71	75	69	61	36	37	58	149	167	178	191	205	211	211	208	282	189	125	123	96	109	118	96	126
25	101	91	87	72	72	79	62	96	131	182	188	284	215	214	219	228	213	191	163	134	4134	134	136	133	145
26	118	112	134	128	186	81	62	61	109	145	177	194	211	221	226	223	208	174	158	156	147	146	130	124	148
27	116	114	191	87	67	64	55	93	148	176	192	203	214	222	227	226	219	188	153	136	138	122	107	99	144
28	79	74	61	53	57	76	69	191	145	177	190	205	218	226	231	229	228	195	146	130	113	118	108	113	139
																				===			*		
AVERAGE	45	38	35	29	26	21	16	35	71	91	106	117	124	129	130	127	117	94	71	65	61	59	54	49	71

^{*} Indicates calibration of sensors

AIR SCIENCES INC. 4/12/90

^{**} Indicates invalid data

MARCH 1390

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA
UNITS ARE TENTHS OF A METERS PER SECOND

DAY	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
1	12	9	8	13	7	7	14	11		12	12														
2	27	49		36	57	71	72	11 63	9 55	12 41	12 52	41 29	52 36	55	58	77	62	48	28	30	42	38	42	49	31
3	79			25	84	70	53	78	87	94	181	97	186	59 101	100 82	94 59	89 84	79 122	86	85	77	74	88	69	63
4	75	72		65	43	63	76	69	77	89	88	85	82	80	89	78	181	84	84 80	87 49	98 30	100 19	107 64	96 48	84 70
5	57	56	49	63	78	78	46	98	135	147	156	141	134	126	155	137	126	138	135	138	137	140	124	116	113
б	66	24	25	53	54	55	43	33	45	26	30	22	21	22	17	23	32	51	61	58	37	14	13	9	35
7	6	8	11	16	8	8	12	6	17	35	31	25	26	34	50	54	67	63	50	20	27	24	12	11	26
8	16	26	42	43	38	22	17	23	36	42	37	42	42	50	61	68	75	67	43	48	27	22	19	21	38
9	28	16	34	11	16	16	11	12	18	18	16	21	29	33	36	28	30	47	38	24	16	12	19	16	22
18	29	23	21	58	76	45	19	22	14	25	55	65	30	66	86	68	85	71	48	73	91	93	77	65	54
11	67	74	68	63	59	49	60	42	74	69	52	74	82	84	94	97	84	74	54	45	37	49	44	38	64
12	36	55	59	93	95	110	88	104	103	90	102	115	122	129	127	127	129	107	187	89	105	113	111	105	101
13 14	181	94	82	58	90	87	55	50	52	92	69	56	48	72	94	105	110	104	94	91	82	88	79	89	81
15	88 95	89 56	86	90	58	85	88	86	88	80	72	72	89	90	100	115	125	122	110	138	94	95	99	107	94
16	25	21	17 30	12	16 33	30	23	11	.22	36	49	49	49	42	34	34	29	21	11	22	17	20	11	18	30
17	14	13	8 8	17 8	33 10	50 8	47 6	43	44	41	53	44	43	36	36	32	25	21	7	19	13	16	14	12	39
18	99	99	95	89	80	38	27	8 16	19 24	23 23	25 31	23 33	23 37	26	39	74	82	91	83	63	78	88	86	85	41
19	14	15	11	6	10	12	8	9	12	24	36	33 31	24	38 38	34 38	34 42	23 46	24 64	18 68	19 76	10	13	13	13	39
20	75	45	34	36	33	23	18	18	8	14	16	21	21	30	22	21	21	24	42	76 65	80 66	82	75 77	77	37
21	77	66	36	24	40	52	32	36	25	33	26	48	48	54	77	93	92	104	115	107	110	73 94	48	84 47	37 62
22	38	46	46	69	63	66	88	81	76	55	27	35	33	51	97	97	85	108	113	187	105	102	98	78	74
23	87	185	105	86	66	75	89	73	78	59	35	23	29	23	28	60	80	86	99	100	101	110	114	104	75
24	98	47	43	37	46	18	21	18	20	21	20	21	20	37.	52	71	81	79	90	86	93	104	95	69	54
25	63	72	72	90	94	66	31	26	89	110	102	99	106	112	115	110	108	103	88	80 -	95	102	75	95	88
26	91	87	77	75	67	62	68	80	95	84	82	66	34	38	41	59	57	63	70	82	67	31	68	75	67
27	68	44	57	28	42	33	38	44	84	83	78	89	73	72	79	85	103	97	48	46	69	57	41	83	64
28	72	68	60	70	91	93	90	93	98	82	87	90	99	83	80	101	68	94	111	108	187	99	105	97	89
29	79	83	86	75	47	59	57	66	67	39	39	67	70	85	93	95	91	75	55	56	35	34	33	36	63
30 31	28	26	17	21	19	35	29	38	38	45	53	51	51	44	51	32	49	48	37	28	56	58	58	65	41
21	73	76	81	83	78	77	75	76	81	76	59	39	. 39	47	72	95	105	102	97	101	105	101	95	91	88
AVERAGE	57	53	49	49	52	50	44	46	54	55	55	55	55	60	69	73	76	77	69	69	68	66	64	63	 59

^{*} Indicates calibration of sensors

^{**} Indicates invalid data

HOURLY AVERAGED HIND DIRECTION **HARCH 1990** SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIMUTH

DAY	8	1	2	3	. 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	28	21	22	23
	100	224	200	245	244	404																		
1	188 266	221 300	277 298	245 283	341 294	184 300	205	345	41	64	146	216	217	211	220	231	226	224	209	253	272	277	248	243
3	313	386	260	50	347	319	299 278	299 388	301 316	291 321	271 329	218 328	207 313	312 311	320	315	314	319	314	. 311	308	312	314	308
4	314	309	306	316	272	328	306	323	288	306	306	318	315	264	300 245	277 246	278 220	303 216	305 216	315 229	314 263	300 87	306 250	308 309
5	298	300	297	281	298	289	204	276	313	314	311	314	316	310	318	389	308	311	307	308	308	311	312	311
6	318	349	20	327	325	321	330	360	311	4	43	21	168	130	81	209	294	310	305	307	314	30	11	13
7	40	169	31	291	331	11	314	34	71	28	30	49	165	199	211	213	209	208	222	175	316	257	201	347
8	164	239	254	268	254	247	248	216	224	223	213	205	215	214	227	228	227	227	250	238	191	204	161	172
9	150	278	301	74	159	193	312	133	145	215	101	146	181	190	176	192	237	299	280	298	53	95	117	180
10	252	345	223	335	311	348	8	21	115	188	291	309	208	312	315	282	301	289	248	213	218	222	223	235
11	264	288	285	264	276	275	294	273	279	297	306	297	287	286	295	297	283	301	301	304	310	321	330	225
12	217	291	290	311	314	308	305	307	304	307	307	308	387	312	315	317	311	314	316	321	310	316	315	314
13	315	312	299	275	314	306	2	70	12	323	354	32	21	320	311	312	312	312	312	314	313	315	320	319
14	308	306	316	317	312	322	312	312	314	316	312	316	310	312	311	313	316	317	316	308	336	323	322	319
15	328	345	74	190	13	357	6	49	30	46	71	68	72	52	38	76	64	91	328	339	324	316	357	360
16	328	331	350	318	3	44	26	34	43	54	61	81	62	88	60	79	77	135	184	265	79	34	341	301
17	358	357	357	7	10	11	219	102	141	29	33	116	151	193	336	322	319	314	309	306	315	314	314	312
18	316	313	315	313	316	10	23	42	38	41	47	63	55	69	67	59	125	96	69	39	116	140	37	19
19 20	200	9	22	5	312	292	342	348	68	68	39	33	32	207	208	227	305	301	298	306	302	306	309	308
21	308	329	12	336	315	333	312	1	257	165	142	137	117	73	137	99	184	197	311	313	308	309	309	310
22	308 340	306 306	13	308	359	316	315	314	6	322	183	317	327	327	322	313	317	321	312	312	311	302	341	3
23	297	307	307	327	358	328	385	323	319	296	205	233	237	301	318	314	314	311	309	308	307	303	300	295
24	311	_	308 336	302	311	312	305	310	317	317	11	40	92	142	294	321	309	303	309	306	306	310	312	311
25	300	2 299	293	325 307	321 306	14	9	17	75	107	118	152	170	221	208	250	311	308	308	307	309	312	306	285
26	303	308	313	313	313	327 313	28	16	296	298	303	298	305	306	310	308	386	305	313	309	311	311	304	305
27	295	277	287	231	287	179	308 191	387 225	314 297	313 305	318 310	323	251	319	305	295	298	303	307	385	292	265	287	299
28	324	328	319	319	313	313	317	313	314	369	306	313 305	290 311	217	211	287	300	298	251	246	249	279	305	389
29	312	312	313	312	307	313	316	318	317	389	304	320	297	309 303	286 312	308 310	318 386	299 299	313 258	315 219	316	320	314	316
30	155	156	233	173	161	34	25	25	29	50	64	60	96	303 81	302	315	326	254	238	276	233 309	193 314	202 315	220 316
31	317	321	319	314	315	316	313	318	317	318	326	б	351	304	313	311	316	312	311	311	311			314
								- • •			200	•	55.	501	515	211	210	212	211	211	211	717	210	714

^{*} Indicates calibration of sensors

HOURLY AVERAGED TEHPERATURE NARCH 1990

SOLEDAD HOUNTAIN PROJECT - HOJAYE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
												(-					400	400	450	4.45	420	126	120	144	142
1	118	102	73	89	67	76	76	87	119	149	171	190	206	215	218	197	188	177	159	145	138	136	139	144	140
2	135	130	124	115	119	128	127	132	145	156	177	185	198	194	181	170	155	139	129	123	124	119	114	109	143
3	188	108	186	104	105	110	113	122	130	143	143	148	148	138	138	136	135	127	117	114	111	107	109	108	122
4	186	103	181	98	95	96	100	110	126	136	150	161	167	171	159	146	105	92	88	98	87	82	69	55	112
5	46	28	17	21	29	22	25	25	36	41	48	53	58	62	58	55	55	45	39	38	38	38	38	43	48
6	43	39	39	42	40	41	43	71	97	115	128	143	154	162	169	174	167	132	106	100	93	85	79	66	97
7	47	42	20	14	-2	10	15	72	118	130	148	170	181	193	197	197	181	162	140	121	119	100	93	94	187
8	83	100	123	125	128	104	93	117	146	159	167	174	182	189	185	172	162	147	134	122	118	119	105	103	135
q	92	81	77	70	59	30	30	82	116	129	150	163	170	174	173	166	158	123	100	88	86	79	86	53	106
19	38	50	35	62	68	66	53	65	110	131	161	186	194	193	171	165	132	111	98	89	72	74	70	65	182
11	63	54	43	39	35	32	28	34	42	42	43	54	57	69	75	66	49	22	15	27	27	19	14	18	49
12	23	23	14	12	18	11	14	28	40	44	57	66	79	74	69	64	48	34	23	17	16	19	19	19	34
13	18	15	12	11	13	10	13	32	48	59	78	94	105	101	92	80	69	57	46	43	41	37	36	36	43
14	36	38	39	39	48	39	38	49	72	95	110	125	124	125	125	109	98	90	78	74	77	81	80	79	73
e 15	78	72	46	25	57	29	25	75	115	135	155	167	177	188	196	200	197	175	117	98	188	73	66	78	119
16	65	68	57	50	49	99	83	114	138	155	166	169	182	181	186	189	188	165	123	106	110	109	97	84	122
17	93	88	75	61	55	42	39	119	158	171	188	204	213	223	232	224	206	185	167	160	159	155	152	151	146
18	153	147	144	143	141	134	131	160	175	196	208	224	233	241	247	247	243	231	183	135	144	155	142	135	179
19	124	99	81	44	48	52	58	139	183	208	221	235	245	256	260	259	237	201	181	172	167	168	167	164	165
28	160	160	161	157	152	141	142	163	182	199	210	216	245	253	260	263	259	241	197	181	175	167	164	158	192
21	155	157	158	148	152	150	155	194	213	237	253	273	280	284	279	259	239	200	184	178	172	163	161	167	203
22	159	150	148	154	149	143	149	183	200	225	247	264	271	279	252	231	218	195	176	170	167	168	168	162	193
23	156	153	150	144	141	145	153	181	197	228	248	251	263	27:1	276	270	233	198	176	168	161	158	154	153	192
24	154	146	141	127	132	112	117	156	184	204	224	244	256	266	273	259	222	191	174	167	163	158	154	154	182
25	156	147	139	141	141	139	141	162	179	189	203	216	228	221	218	208	197	178	161	156	151	146	148	146	171
26	142	136	130	128	130	127	133	145	155	174	197	212	225	233	242	237	223	182	146	138	133	131	127	121	164
27	117	112	117	104	86	76	86	119	152	165	178	189	190	181	168	177	178	156	131	126	131	123	115	112	137
28	117	110	110	197	102	96	184	122	138	153	160	168	168	166	158	154	144	129	118	117	112	189	106	104	128
29	100	190	97	96	91	91	103	128	147	164	175	184	187	188	189	181	169	155	133	104	110	107	115	115	135
38	94	89	84	77	71	92	81	97	128	150	171	181	192	183	168	173	178	157	134	128	125	123	122	121	129
31	120	128	119	118	115	116	123	142	163	182	197	208	215	218	225	287	191	174	161	155	151	146	143	142	160
31	120	120	112	222														755							
AVERAGE	100	95	98	86	RA	82	83	118	133	150	165	178	186	190	188	182	168	147	127	117	115	111	108	105	129
VIEVVAE	100	, ,	70	00	01	. 02	0,5	110	155	.55					5-3										

^{*} Indicates calibration of sensors

APPENDIX B

FREQUENCY DISTRIBUTIONS BY DIRECTION AND SPEED

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'A' SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA JANUARY - HARCH 1990

Speed Class Intervals(kts)

					zadanowyne medianam			
Direction	1,<3	3,<6	6,<10	10,<16	16,<21	>21	A11	Hean Speed
N	0.0	1.0	0.0	0.0	0.0	0.0	1.0	4.7
NNE	1.5	6.0	0.0	0.0	0.0	0.0	7.5	4.0
NE	1.5	12.4	0.0	0.0	0.0	0.0	13.9	4.0
ENE	2.5	10.0	0.0	0.0	0.0	0.0	12.4	4.1
E	1.5	5.0	0.0	0.0	0.0	0.0	6.5	3.8
ESE	2.5	5.0	0.0	0.0	0.0	0.0	7.5	3.8
SE	3.5	6.5	0.0	0.0	0.0	0.0	10.0	3.5
SSE	5.5	11.9	0.0	0.0	0.0	0.0	17.4	3.6
S	2.0	10.4	0.0	0.0	0.0	0.0	12.4	4.1
SSH	1.0	7.0	0.0	0.0	0.0	0.0	8.0	4.6
SR	0.0	1.5	0.0	0.0	0.0	0.0	1.5	4.0
HSH	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.6
Ħ	0.0	0.5	0.0	0.0	0.0	0.0	. 0.5	5.2
ผหผ	0.0	0.5	0.0	0.0	0.0	0.0	0.5	5.4
หต	0.0	0.5	0.0	0.0	0.0	0.0	0.5	3.3
NNA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A11	21.9	78.1	0.0	0.0	0.0	0.0	100.0	3.9

Calm (less than one knot) = 0.0%
Period mean wind speed = 3.9 knots
Percent occurrance for 'A' stability class(es) 9.3%

AIR SCIENCES INC. SBHIND(1.2) 04/12/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'B' SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA JANUARY - HARCH 1990

Speed Class Intervals(kts)

								Hean
Direction	1, <3	3,<6	6,<10	10,<16	16,<21	>21	A11	Speed
H	0.0	1.1	3.3	0.0	0.0	0.0	4.3	6.7
NNE	0.0	0.0	2.2	0.0	0.0	0.0	2.2	6.1
NE	1.1	6.5	5.4	0.0	0.0	0.0	13.0	5.5
ENE	0.0	6.5	15.2	0.0	0.0	0.0	21.7	6.2
Ε	0.0	0.0	4.3	0.0	0.0	0.0	4.3	6.7
ESE	0.0	0.0	1.1	0.0	0.0	0.0	1.1	6.8
SE	1.1	4.3	2.2	0.0	0.0	0.0	7.6	4.9
SSE	0.0	2.2	0.0	0.0	0.0	0.0	2.2	4.9
S	1.1	5.4	6.5	0.0	0.0	0.0	13.0	5.7
SSW	0.0	2.2	8.7	0.0	0.0	0.0	10.9	6.7
SH	0.0	0.0	4.3	0.0	0.0	0.0	4.3	6.9
WSW	0.0	1.1	6.5	0.0	0.0	0.0	7.6	6.5
W	0.0	0.0	0.0	0.0	0.0	0.0	× 0.0	0.0
ยหต	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ИН	0.0	0.0	6.5	0.0	0.0	0.0	6.5	6.9
иии	0.0	8.8	1.1	0.0	0.0	0.0	1.1	7.6
All	3.3	29.3	67.4	0.0	0.0	0.0	100.0	6.1

Calm (less than one knot) = 0.0%
Period mean wind speed = 6.1 knots
Percent occurrance for 'B' stability class(es) 4.3%

AIR SCIENCES INC. SBUIND(1.2) 04/12/90

FREQUENCY OF HINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'C' SOLEDAO HOUNTAIN PROJECT - HOJAVE, CALIFORNIA JANUARY - MARCH 1990

Speed Class Intervals(kts)

								Wose.
Direction	1, <3	3,<6	6,<10	10,<16	16,<21	→21	All	Hean Speed
N	0.0	0.0	0.7	0.0	0.0	0.0	0.7	9.7
NNE	0.0	3.4	1.4	1.4	0.0	0.0	₂6.1	6.6
NE	8.8	3.4	15.0	2.0	0.0	0.0	20.4	7_3
ENE	0.0	0.0	19.0	2.7	0.0	0.0	21.8	8.4
E	0.0	0.0	2.7	0.0	0.0	0.0	2.7	8.6
ESE	0.0	0.7	0.0	0.0	0.0	0.0	0.7	4.1
SE	0.0	6.7	0.0	0.8	0.0	0.0	0.7	5.2
SSE	0.0	1.4	0.7	0.0	0.0	0.0	2.0	5.6
S	0.0	6.1	0.7	0.0	0.0	0.0	6.8	5.3
SSR	0.0	0.7	2.0	2.0	0.0	8.0	4.8	8.9
SH	0.0	0.0	5.4	2.0	0.0	0.0	7.5	8.9
HSH	0.0	0.0	1.4	0.7	0.0	0.0	2.0	9.4
H	0.0	0.0	0.0	4.1	0.0	0.0	4.1	10.8
ผหผ	0.0	0.0	3.4	4.1	0.0	0.0	₂ 7.5	9.9
NH	0.0	0.0	4.8	3.4	0.8	0.0	8.2	9.7
מאג	0.0	0.0	3.4	0.7	0.8	0.0	4.1	9.3
A11	0.0	16.3	60.5	23.1	0.0	0.0	100.0	8.2

Calm (less than one knot) = 0.0%
Period mean wind speed = 8.2 knots
Percent occurrance for 'C' stability class(es) 6.8%

AIR SCIENCES INC. SBWIND(1.2) 04/12/90

FREQUENCY OF HINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'D' SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA JANUARY - MARCH 1990

Speed Class Intervals(kts)

									Hean
Di:	rection	1,<3	3,<6	6,<10	10,<16	16,<21	>21	All	Speed
	н	0.1	0.8	1.8	0.5	0.0	0.0	3.2	7.5
	NNE	0.0	0.5	1.0	0.4	0.1	0.0	2.0	7.8
	NE	0.0	0.3	1.4	0.4	0.0	0.0	2.1	8.1
	ENE	0.0	0.1	0.1	0.0	0.0	0.0	0.2	7.5
	Ε	0.0	0.2	0.1	0.1	0.0	0.0	0.4	8.0
100	ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SE	0.0	0.1	0.0	0.0	0.0	0.0	0.1	3.9
	SSE	0.0	0.2	0.1	0.0	0.0	0.0	0.3	5.4
	S	0.0	0.9	0.6	0.1	0.0	0.0	1.6	6.0
	SSH	0.0	0.8	1.8	2.6	1.9	0.3	7.4	12.4
	SW	0.0	0.4	2.7	3.8	0.6	0.0	7.4	11.2
	HSH	0.0	0.2	1.5	1.0	0.2	0.0	2.9	10.2
	K	0.0	0.3	1.6	0.9	0.2	0.0	3.0	9.7
	RNA	0.0	0.2	2.6	6.1	2.9	0.5	12.3	13.4
	RH	0.1	0.1	2.7	16.4	22.8	8.8	50.9	17.4
	PKK	0.1	0.9	1.9	2.2	0.8	0.4	6.2	11.3
	A11	0.3	6.0	19.9	34.4	29.4	10.0	100.0	14.3

Calm (less than one knot) = 0.0%
Period mean wind speed = 14.3 knots
Percent occurrance for 'D' stability class(es) 49.2%

AIR SCIENCES INC. SBWIND(1.2) 04/12/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'E' SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA JANUARY - HARCH 1998

Speed Class Intervals(kts)

Direction	1,<3	3,<6	6,<10	10,<16	16,<21	>21	All	Hean Speed		
N	6.1	9.9	10.7	0.0	0.0	0.0	26.7	5.1		
NNE	0.8	6.9	6.1	0.0	0.0	0.0	13.7	5.8		
NE	0.0	0.8	0.8	0.0	0.0	0.0	1.5	5.7		
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
E	0.0	0.8	0.0	0.0	0.0	0.0	0.8	4.1		
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SE	0.0	1.5	0.0	0.0	0.0	0.0	1.5	4.1		
SSE	0.8	4.6	0.0	0.0	0.0	0.0	5.3	3.6		
S	1.5	3.8	0.8	0.0	0.0	0.0	6.1	3.6		
SSW	0.0	3.8	4.6	0.0	0.0	0.0	8.4	5.9		
รผ	0.0	3.1	1.5	0.0	0.0	0.0	4.6	6.0		
WSW	0.8	2.3	1.5	0.0	0.0	0.0	4.6	5.4		
Ω	0.0	2.3	2.3	0.0	0.0	0.0	4.6	5.4		
ดหต	0.8	1.5	3.8	0.0	0.0	0.0	6.1	5.8		
ии	3.1	0.8	8.8	0.0	0.0	0.0	4.6	3.8		
NNA	2.3	5.3	3.8	0.0	0.0	0.0	11.5	5.0		
a11	16.0	47.3	36.6	0.0	0.0	0.0	100.0	5.1		

Calm (less than one knot) = 0.0%
Period mean wind speed = 5.1 knots
Percent occurrance for 'E' stability class(es) 6.1%

AIR SCIENCES INC. SBUIND(1.2) 04/12/90

APPENDIX C

WIND SPEED FREQUENCY DISTRIBUTIONS

AVERAGE FREQUENCY DISTRIBUTION OF HIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA JANUARY 1990

(%)

Day 	< 10	>=10 < 13	, >=13, < 16	< 19		>=22, < 25	< 28	>=28, < 31	>=31 		Time Period
1	64.2	6.0	4.4		9.7	6.6		8.2	0.0	31.1	2
2	35.3	5.6	7.2	9.5	12.2	12.3	8.3	5.4	4.1	40.2	
3	97.3	2.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	16.9	3 1
4	99.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	
5	99.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	2 1
6	89.4	1.4	4.3	4.7	0.3	0.0	0.0	0.0	0.0	20.9	
7	26.7	12.4	8.2	8.5	10.6	13.4	11.1	7.1	2.0	38.0	3
8	16.3	16.5	15.0	13.3	11.8	10.8	7.9	5.1	3.3	39.1	3
9	99.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	3 3 2 2 2 2 3 2 3 3 2 2
10	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	2
11	97.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	2
12	53.7	13.1	16.1	11.7	4.6	0.7	a a	0.0	0.0	25.7	2
13	40.7	23.1	14.9	12.1	6.6	2.2	0.4	0.0	0.0	27.8	3
14	70.6	15.1	10.8	3.0	0.5	0.0	0.0	0.0	0.0	21.4	2
15	59.8	27.8	11.3	1.1	0.0	0.0	0.0	0.0	0.0	22.8	3
16	59.6	12.4	12.1	11.1	4.1	0.6	0.1	0.0		27.7	3
17	48.3	8.8	12.1	13.9	11.5	4.5	0.8	8.1	0.0	30.3	2
18	99.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	2
19	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	2
28	92.5	7.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	13.5	2
21	82.6	13.5	3.4	0.4	0.0	0.0	0.0	0.0	0.0	18.2	2
22	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	3
23	79.4	5.4	6.8	5.1	3.0	1.0	8.1	0.0	0.0	26.6	3
24	62.9	30.4	5.4	1.2	0.1	0.0	0.0	0.0	0.0	20.5	3
25	99.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	2
26	42.0	3.8	3.6	6.3	7.7	9.0	7.9	6.5	13.3	53.1	3
27*	71.3	16.1	9.1	3.3	0.3	0.0	0.0	0.0	0.0	23.2	1
28*	95.3.	3.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	16.9	3
29≖	42.9	15.7	7.9	7.6	6.5	7.6	5.8	4.4	2.2	38.0	2
30=	38.9	11.4	13.6	15.1	12.4	6.1	1.9	0.4	0.2		3
31=	4.1	5.5	12.8	22.9	24.4	17.2	7.3			37.3	3 1
									2.3	49.1	
All	* 70.0	8.4	5.8	5.1	4.1	3.0	1.7	1.1	0.9	53.1	3

The time periods for these days are incorrect by about 2.5 hours.

^{**} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA FEBRUARY 1990 (%)

					-						
Day	< 10	>=10 , < 13	< 16			>=22, < 25	>=25, < 28	>=28, < 31			Time Period
1*	6.1	4.2	7.1	9.5		9.4		12.4	32.4	52.5	2
2*	64.5	9.2	5.9	6.3	5.7	4.0	2.3	1.2	0.8	39.1	ī
3≖	86.9	7.0	4.5	1.3	0.2	0.0	0.0	0.0	0.0	22.8	3
4*	23.8	5.6	7.4	11.7	16.4	15.1	9.2	5.2	5.6	49.5	2
5*	91.1	7.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	16.0	3
6*	50.9	9.8	14.8	14.8	7.6	2.0	0.1	0.0	0.0	26.6	3
7*	9.5	9.2	10.7	13.3	15.4	15.3	11.8	7.9	6.8	44.8	1
8	65.0	6.6	9.1	8.5	6.6	3.3	0.8	0.1	0.0	30.5	3
9	98.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	1
10	99.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	
11	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	2 2
12	51.8	7.4	7.3	10.7	10.6	8.1	3.0	0.8	0.2	35.0	
13	17.0	9.1	9.5	12.9	15.2	13.5	9.6	6.6	6.6	44.3	3 2
14	4.6	10.9	14.9	19.8	21.8	16.9	7.8	2.5	0.8	37.7	1
15	76.7	14.2	6.6	2.3	0.2	0.0	0.0	0.0	0.0	21.8	
16	23.2	12.4	11.5	16.3	17.3	11.0	5.3	2.4	0.5	35.9	3 2
17	32.7	23.5	16.2	14.3	9.4	3.3	0.6	0.0	0.0	28.4	2
18	28.2	14.5	10.0	10.2	11.2	10.3	6.8	5.1	3.6	39.8	2 3 1
19	29.6	11.2	14.3	15.0	11.6	7.3	5.1	3.4	2.4	42.1	1
20	92.6	4.5	2.0	0.8	0.1	0.0	0.0	0.0	0.0	20.5	
21	95.6	4.1	0.3	0.0	8.8	0.0	0.0	0.0	0.0	15.8	3 2 2 2 2
22	96.0	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	15.1	2
23	93.1	6.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	14.8	2
24	97.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	2
25	98.2	1.8	0.0	0.0	0.0	0.0	0.0	9.0	0.0	13.0	3
26	90.3	8.5	1.1	0.1	0.0	0.0	0.0	0.0	0.0	16.6	3
27	96.7	2.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	16.2	3
28	89.2	9.3	1.4	0.1	0.0	0.0	0.0	0.0	0.0	17.1	3
All**	64.6	7.5	5.6	6.8	5.6	4.3	2.6	1.7	2.1	52.5	2

^{*} The time periods for these days are incorrect by about 2.5 hours.

^{**} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA HARCH 1990

		wing speed furstings (mbu)									
Day 	< 18	< 13	, >=13, < 16	(19	())	/ 25	>=25, < 28	< 31		Hax Gust (mph)	Time Period
1	70.5	17.1	7.9	3 3	1 1	0.0		0.0			
2	29.8	15.1	14.6	17.3	13.8	6.6	0.0		0.0	23.9	2
3	9.8	6.5	12.2	19.2		16.8	2.4 9.7	0.4	0.0	30.9	
4	16.6	13.9	17.8	21.7	18.2	8.9			1.2	39.3	3
5	7.8	6.5				8.7	10 5	9.6	0.0	32.3	2
6	68.3	17.3			0.6	0.1	0.0	13.1	31.8	56.3	2
_ 7	82.1	8.2			0.2	0.2		0.0	0.0	24.1	1 3 3 3 3 2 2
8	68.8	17.7		5.2	15	0.0 A 1	0.0	0.0	0.0	20.9	3
9	93.8	5.7	0.5	0.0	0.0	0.0	0.0	0.0	9.8	24.3	3
18	43.0			16.1		5.2	1.2		0.0	16.2	3
11	23.3	22.0	17.7	16.1		6.2			0.0	32.5	3 "
12	6.9	4.8	4.7	10.3	16.3	20.2	16.7	Ø.5	0.0	32.8	2
13	10.2	8.5	13.0	21.4	22.3	15 /	6.6	14.1	9.0	40.7	2
14	1.7	4.3	11.6	22.3	23.6	15.8	0.0		8.3	36.2	1
15	80.8	9.5	3.9			1 3	0.5	5.9	6.7	50.4	3
16	80.3	16.3	2.9	0.4	0.1	0.0	0.3			34.3	1
17	61.7	2.9	6.2		11.3	3.8	0.6	0.0	0.0	* 21.9	1 3 1 3 3 3 3
18	74.0	4.6	1.9	5.3			1.6	0.0	0.0	28.2	3
19	63.2	9.3	9.4	12.6	4.9	0.5	0.0	0.3	0.0	36.4	1
28	67.8	7.6	10.3	10.3		0.5	0.0	0.0	0.0	28.4	3
21	39.5	12.6	9.7	10.8			5.9	0.0	-	24.1	3
22	23.0	8.2	11.4				7.0	2.2	0.6	35.2	3
23	20.3	7.9		17.0	17.7	13.6	7.3	2.5	0.6	35.5	3
24	48.5	8.1	8.1	12.3		7.5	3.1		8.7	35.2	
25	8.2	5.3	10.5	17.2	20.3	19.2	12.5	0.7 5.6	0.1	33.9	3 2
26	17.0	16.1	21.7	22.3		6.2	1.6			35.5	2
27	28.5	16.2	14.9	14.9		7.5	2.6	8.2	8.0	32.5	3
28	2.6		11.3	21.1	25.4	19.1	9.5	1.2	0.3	37.5	3
29	24.0				13.2	6.8		3.8	1.1	37.5	3
30	60.8				0.4	0.1	1.4	0.1	0.0	28.9	2
31	8.2	8.8		24.1	22.5	14.2	0.1 5.8	0.0 1.5	0.0 0.1	29.6 33.4	2
All*	40.0	10.8	10.6	12.5	11.1	7.4	3.9		1.7	56.3	2

^{*} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

METEOROLOGICAL DATA SUMMARY OCTOBER - DECEMBER 1989 SOLEDAD MOUNTAIN PROJECT

for Noranda Mining Corporation Lakewood, CO

by
Air Sciences Inc.
Lakewood, CO

Project No. 58-07 January 1990

Table of Contents

List of Tables

1	DATA RECOVERY	3
2	FREQUENCY OF WINDS BY DIRECTION AND SPEED	6
3	FREQUENCY OF WINDS BY DIRECTION AND STABILITY	6
4	MONTHLY TEMPERATURE MEANS AND EXTREMES	8

List of Figures

1	GENERAL PROJECT LOCATION	2
2	WIND FREQUENCY DISTRIBUTION	

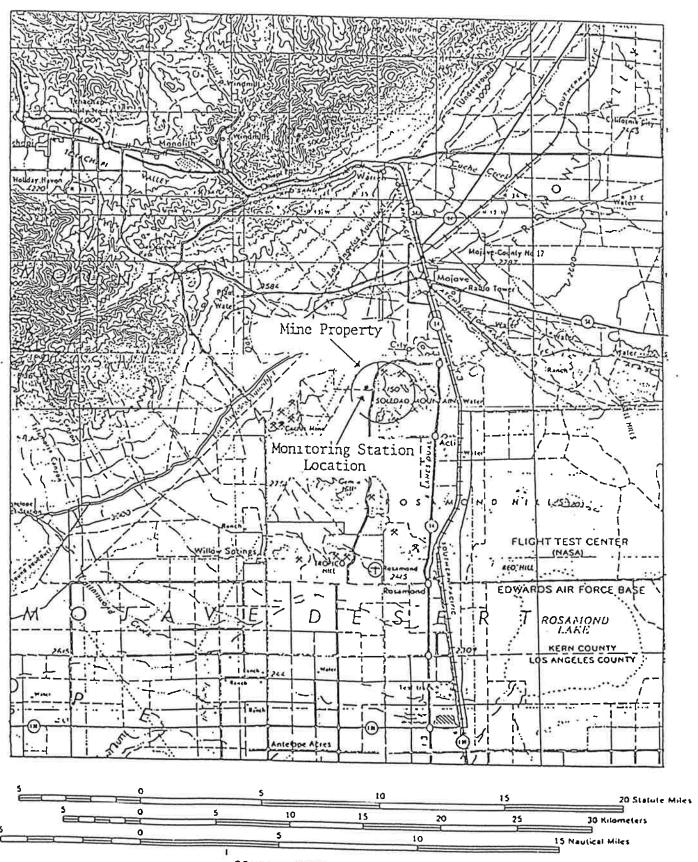
1.0 INTRODUCTION

This report summarizes three months of meteorological data collected near Soledad Mountain in the Mojave Desert of Kern County, California for Noranda Mining Corporation. The monitoring station is near a proposed open-pit mining project known as the Soledad Mountain Project. Data for this report were collected from October 1, 1989 through December 31, 1989. This report summarizes the first quarter of the monitoring program which began on September 29, 1989. Monitoring was performed in accordance with "Sampling Protocol, Golden Queen Mine Project, Mojave, California," (Air Sciences Inc., October, 1989). The purpose of the monitoring was to collect dispersion meteorological data to be used in dispersion modeling and to collect climatological data.

1.1 Location

The Soledad Mountain monitoring station is located on the plains west of Soledad Mountain in the Mojave Desert of southeastern Kern County, California. The site is approximately 12 miles NW of Rosamond Lake and 5 miles SSW of the town of Mojave. The mine pit, waste dumps and processing are expected to be located on the western side of Soledad Mountain, just east of the Mojave-Tropico Road. The monitoring station is located approximately one-quarter mile west of Mojave-Tropico Road on the desert plain in an area where the meteorological data should define the wind patterns that will carry pollutants toward residential areas. The station will be at an approximate elevation of 2,850° MSL at UTM coordinates 3,871 km north and 389 km east (the southwest quarter of Section 1, T 10 N, R 13 W). Vegetation is sparse in this part of the Mojave Desert Basin and consists of sagebrush and widely scattered Joshua trees. The monitoring location is shown on Figure 1.

FIGURE 1 GENERAL PROJECT LOCATION



CONTOUR INTERVAL 200 FEET WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

1.2 Program Description

The parameters of wind speed, wind direction, direction deviation (sigma theta) and temperature are measured and recorded at the monitoring station. The wind parameters are measured by sensors mounted on top a 10-meter meteorological tower. Temperature is measured by a sensor located in an aspirated shield at the 2-meter level on the tower.

The meteorological data are sampled every 10 seconds by a digital Data Acquisition System (DAS) and processed and stored in 15-minute average format and as 8-hour wind speed maximum and frequency distribution data. The DAS digitally stores sine and cosine of wind direction, wind speed and temperature on a time-averaged basis. The 15-minute and 8-hour data, recorded on a solid-state memory module, are regularly transferred by mail to Air Sciences Inc. (Air Sciences) for processing and archiving. EPA methods are used to process the 15-minute data into hourly averages of wind speed, wind direction, wind direction deviation (sigma theta), and temperature as suggested in "On-Site Meteorological Program Guidance for Regulatory Modeling Applications," (EPA-450/4-87-013, Sections 6.0-6.4). Processing of the 8-hour data is performed by the DAS prior to the recording of the data onto the solid-state memory module.

Calibrations of the monitoring equipment were performed in accordance with the sampling protocol. Equipment calibration, audit and data quality assurance procedures are based on EPA guideline documentation and are fully described in the monitoring plan. Copies of the calibrations performed subsequent to the installation are located in Appendix A.

1.3 Data Recovery

Data recovery rates for all parameters are presented in Table 1. Recovery was 100 percent for all meteorological parameters. Data recovery rates for this first quarter of data collection exceeded the minimum EPA recommended annual average rate of recovery for meteorological sampling of 90 percent.

TABLE 1
DATA RECOVERY

<u>Parameter</u>	Percent
Wind Speed	100
Wind Direction	100
Sigma Theta	100
Temperature	100

2.0 METEOROLOGICAL DATA SUMMARY

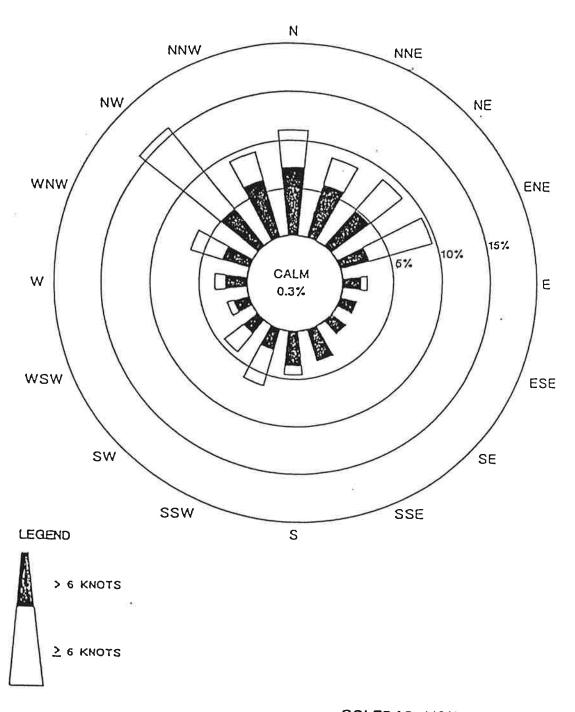
The meteorological parameters were sampled on site every 10 seconds and digitally processed into 15-minute averages. The 15-minute averages were transmitted to Air Sciences for quality assurance checks and to be used as input for the calculation of 1-hour averages. All summary data presented in this section was produced by the processing of hourly averaged data into tables of summary statistics and SAROAD formatted tables. The meteorological values of wind speed, wind direction and temperature, collected during the quarter, are presented as hourly averages in SAROAD format by month for each parameter in Appendix B.

2.1 Winds

The wind frequency distribution by direction and speed for all atmospheric stability classes shown as Figure 2 and Table 2, shows that the highest frequency of winds were from the north (NW through ENE). These northerly winds accounted for over 63 percent of the total winds. The highest wind speed was from the northwest at an average of 12.2 knots (14.0 mph). All other winds were much lower in speed as shown by the overall wind speed for all directions of 6.8 knots (7.8 mph). The frequency distributions by direction and speed for stability classes A through F are included in Appendix C.

Appendix D contains one table for each month of data collection and displays wind speed frequency distributions (histograms). Each table contains the average daily percentages of winds in each wind speed category for each day of the month with a maximum wind gust for the day and a record of the time period in which the maximum wind gust occurred. Time period 1 is defined as the hours of midnight to 8 a.m., period 2 is the hours of 8 a.m. to 4 p.m., and period 3 equals the hours of 4 p.m. to midnight. Frequency distributions were recorded for each 8-hour time period from 10-second wind speed data. These 8-hour histograms were processed by Air Sciences into daily average histograms. The maximum wind gust for the quarter occurred on October 25 during time period 3 and was 50.6 mph.

FIGURE 2
WIND FREQUENCY DISTRIBUTION



SOLEDAD MOUNTAIN PROJECT MOJAVE, CALIFORNIA OCTOBER-DECEMBER 1989

TABLE 2
FREQUENCY OF WINDS BY DIRECTION AND SPEED
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
OCTOBER - DECEMBER 1989

	Speed Class Intervals(kts)													
Direction	<u>1,<3</u>	<u>3,<6</u>	6,<10	10,<16	16,<21	>21	All	Mean <u>Speed</u>						
N	3.3	3.9	3.6	0.1	0.0	0.0	11.0	4.8						
NNE	2.4	3.4	2.7	0.1	0.0	0.0	8.7	4.8						
NE	1.9	2.9	3.7	0.5	0.1	0.0	9.1	5.9						
ENE	1.0	1.9	5.1	1.6	0.0	0.0	9.6	7.2						
Ε	1.0	0.8	0.3	0.3	0.0	0.0	2.4	4.8						
ESE	0.9	0.6	0.1	0.0	0.0	0.0	1.6	3.0						
SE	1.1	0.7	0.0	0.0	0.0	0.0	1.8	3.0						
SSE	1.2	2.3	0.0	0.0	0.0	0.0	3.5	3.3						
S	1.2	2.5	8.0	0.0	0.0	0.0	4.6	4.3						
SSW	1.1	1.3	1.8	1.4	0.5	0.1	6.2	8.3						
SW	0.8	1.1	1.0	1.1	0.4	0.0	4.4	8.4						
WSW	0.8	0.8	0.7	0.1	0.0	0.0	2.3	4.7						
W	1.4	8.0	0.9	0.3	0.0	0.0	3.3	4.9						
WNW	1.8	1.0	1.0	1.6	0.6	0.2	6.3	8.4						
NW	3.4	1.5	1.1	4.1	3.9	1.7	15.7	12.2						
NNW	3.2	3.1	1.8	0.7	0.3	0.1	9.3	5.4						
All	26.4	28.6	24.6	12.0	5.9	2.2	99.7	6.8						

Calm (less than one knot) = 0.3% Period mean wind speed = 6.8 knots

TABLE 3
FREQUENCY OF WINDS BY DIRECTION AND STABILITY
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
OCTOBER - DECEMBER 1989

<u>Direction</u>	A	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	All
N	0.4	0.2	0.2	2.4	3.6	4.2	11.0
NNE	0.7	0.2	8.0	2.7	1.1	3.2	8.7
NE	1.9	1.2	1.2	2.5	0.4	1.9	9.2
ENE	1.6	2.3	2.5	2.0	0.1	1.2	9.7
E	1.0	0.0	0.1	0.4	0.1	0.7	2.4
ESE	0.7	0.0	0.0	0.0	0.0	8.0	1.6
SE	8.0	0.1	0.0	0.0	0.1	0.7	1.8
SSE	1.2	0.3	0.1	0.3	0.2	1.4	3.5
S	1.1	0.3	0.5	0.6	0.6	1.4	4.6
SSW	0.9	0.3	0.5	2.9	0.3	1.3	6.2
SW	0.4	0.0	0.0	2.5	0.0	1.4	4.4
wsw	0.1	0.0	0.0	0.5	0.4	1.3	2.3
W	0.2	0.0	0.0	0.9	0.3	1.8	3.3
WNW	0.1	0.0	0.0	3.2	0.5	2.3	6.2
NW	0.5	0.0	0.1	10.8	0.4	3.8	15.7
NNW	0.3	0.0	0.0	2.9	1.4	4.7	9.3
All	12.1	5.1	6.2	34.8	9.4	32.1	99.7

Table 3 shows the frequency distribution by atmospheric stability categories A through F. Categories A through D occur in the daytime and categories D through F occur at night. Stability class was calculated by the method of Irwin (1980) which uses wind speed, standard deviation of wind direction and local sunrise and sunset times for determining daytime and nighttime periods. A nighttime correction is applied to the stability class determination. The assumed terrain mixing height was 15 centimeters. Table 3 shows that both daytime and nighttime winds were predominately out of the north (NW through ENE).

2.2 Temperature

Temperature data summaries are presented in Table 4. Average temperature for the data collection period was 12.0 °C (53.6 °F). The coldest month of the period was December and the warmest was October. The minimum temperature recorded was -6.8 °C (19.8 °F) and the maximum was 31.7 °C (89.0 °F).

TABLE 4
MONTHLY TEMPERATURE MEANS AND EXTREMES
SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA
OCTOBER - DECEMBER 1989
(°C)

Month	Average Daily <u>Maximum</u>	Average Daily <u>Minimum</u>	Daily <u>Average</u>	Monthly <u>Maximum</u>	Monthly <u>Minimum</u>
Oct	23.2	9.0	16.2	31.7	-2.3
Nov	20.6	4.8	12.4	27.3	-4.8
Dec	16.5	-0.9	7.4	22.7	-6.8
Qtr	20.1	4.3	12.0	31.7	-6.8

APPENDIX A

Calibration Records

WIND SPEED CALIBRATION CAMPBELL SCIENTIFIC LOGGER

Sensor Model No: O1 Sensor Serial No: C11 Sensor Height: 1.5 Logger Ser. No.: 481 Name	4 56 m 3	Client: Job No: Site: Date: Time:	011	4 N/3
1. SYSTEM INSPECTION			P.	
Bearings Cable Cups II. SYSTEM LINEARITY CHECK	PASS New	FAIL	i	ř
Input Frequency (Hz) 1. 1.0 2. 10.0 3. 0.0 4. 5. 6. 7. 8. 9. 10. Target (mph) = (Hz x 1. Target (m/s) = (Hz x 0.7	Target (MPI)- 2.789 1.0 789) + 1.0 798) + 0.447		Reading PH) TX9 X.890 D	- -
				•
	Signature	/// =	11_1	

WIND DIRECTION CALIBRATION CAMPBELL SCIENTIFIC LOGGER

Sc Se Lo Tid	ensor Height : 10 ogger Ser. No. : 5	24 02-81 1m 392	Client: Colden Que Job No: 58-7 Site: met tower Date: 9-29-89 Name: Din King	ea/50
	Bearings Cable Vane SYSTEM LINEARITY CHEC	PASS V CK	FAIL	ce ex
1. 2. 3. 4. 5.	Orientation Vane Tail	Target (degrees)180.5360.5366.5126.5721.541.5	(degrees) Difference (degrees) Difference 150 0.5° 360 0.5 205 1.5 127 -0.5 222 -0.5 40 1.5	
Com	Set S	slope .71 slope .71 crew = 180 nce = ±50	498	ts 11

TEMPERATURE CALIBRATION CAMPBELL SCIENTIFIC CRID

	Client: Golden Q Job No: 58-7 Site: Met Tower Date: 9-29 Time: 830 PST	ween/Solding
SYSTEM INSPECTION		
Radiation Shield Cable	PASS FAIL	
SYSTEM PSYCHROMETER CHECK	100	
Psychrometer () Measured Corrected 23.6 24.7 25.7 26.3 26.4 23.4	CR10 Reading (degrees) 23.6 24.7 24.7 25.6 26.3 26.4 28.4	
Average		
ments:		Þ
		-
		_

APPENDIX B

SAROAD Tables

OCTOBER 1989

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A METERS PER SECOND

Y	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
-																									
1	72	64	51	29	17	18	8	11	15	16	32	28	19	32	54	65	68	40	36	36	42	42	32	30	36
!	34	35	42	43	39	45	42	69	81	93	94	105	109	109	105	101	99	90	77	76	43	14	44	47	68
3	36	46	47	44	29	31	64	68	51	33	22	23	22	24	32	59	81	85	83	89	94	63	38	32	50
	31	38	14	12	18	10	18	23	24	42	46	46	42	40	42	41	42	30	15	22	28	39	32	27	38
;	32 19	36 22	29 34	11 21	13 16	11 25	10 13	18 9	38 20	42 16	44 34	34 38	23 33	23 44	21 51	18 64	21 71	24 66	27 72	10 62	16 59	32 60	43 64	44 62	26 41
)	59	70	75	67	37	30	25	13	22	39	49	51	47	42	52	46	45	33	36	37	37	20	19	25	41
1	23	26	21	11	17	32	35	35	38	33	39	42	38	36	30	33	33	48	70	60	18	15	16	8	32
1	12	16	12	14	6	9	9	12	16	15	31	29	29	35	38	29	21	11	21	24	33	14	16	12	19
à	21	25	13	13	22	25	19	14	13	17	14	16	26	30	33	43	46	40	63	73	68	69	60	41	34
i	13	13	14	23	28	31	29	28	34	24	22	25	27	31	39	56	54	42	44	26	36	12	11	8	28
?	9	11	13	18	12	8	8	18	11	17	18	25	43	43	54	58	52	36	24	32	37	30	12	15	25
}	11	8	8	8	7	18	12	10	12	17	17	31	42	45	49	58	54	31	18	23	20	17	19	12	23
}	15	22	17	13	16	22	40	42	56	51	77	90	106	117	127	115	118	118	129	112	112	111	75	94	74
j	116	128	112	116	92	33	34	88	93	98	110	116	114	116	105	118	124	130	127	187	97	81	62	38	98
;	29	17	16	13	13	12	26	10	17	18	24	30	34	29	27	25	23	21	13	14	13	14	25	12	20
1	11	16	11	9	35	45	46	45	45	53	54	50	53	52	50	49	40	31	25	19	21	23	19	24	34
}	7	11	13	21	39	42	13	30	34	46	42	32	32	34	33	27	25	19	17	21	18	30	27	16	26
)	13	8	12	7	15	24	10	18	33	34	53	45	37	29	26	20	12	14	12	12	34	37	40	38	24
}	38	13	12	12	14	11	10	29	62	79	77	75	87	99	99	105	101	75	36	31	49	49	51	34	52
	71	59	58	49	47	56	48	55	88	63	75	86	86	94	93	88	77	51	38	38	40	38	34	21	60
1	16	24	16	16	20	20	20	19	22	23	27	22	16	22	13	8	13	18	9	11	21	22	25	42	19
i i	40	21 34	37	54	46	40	32	51	67	70	77	81	83 66	84	76	75 65	58	40	30	36	34	30	20	19	50
	30 27	36	24 76	23 76	15 89	11 82	20 71	16 88	21 93	43 105	86 96	89 72	. 86	63 100	58 114	.65 69	69 56	52 118	19 138	23 136	27 130	30	30 88	37 98	40 89
	92	94	84	34	17	9	13	11	14	14	28	22	22	19	23	28	38	56	72	67	65	101 44	24	21	38
i	21	42	90	98	76	49	51	70	79	71	62	74	85	103	120	111	115	85	67	108	89	131	137	139	86
3	120	100	61	50	51	37	28	28	31	40	45	42	37	36	35	38	40	34	35	47	38	34	24	30	44
)	38	46	55	56	55	56	52	55	56	68	72	72	67	62	58	56	50	45	56	47	15	29	13	12	50
}	18	21	28	15	9	15	18	13	32	37	47	44	45	40	32	25	14	10	17	9	13	19	13	8	22
1	8	9	7	6	6	11	8	9	17	32	31	30	37	33	32	25	13	18	14	7	11	8	8	9	16
LAGE	35	36	36	31	29	28	27	32	49	44	50	50	51	54	56	55	54	48	46	46	44	41	36	34	42

Indicates calibration of sensors indicates invalid data

HOURLY AVERAGED WIND DIRECTION OCTOBER 1989 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIHUTH

1 Y	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	305	303	324	18	24	5	21	37	148	118	29	89	221	231	207	207	231	282	299	260	273	259	245	224
2	205	195	194	187	186	178	189	215	218	210	219	217	211	211	211	212	211	216	217	208	209	135	309	298
3	290	303	272	255	259	294	312	316	316	314	42	44	17	180	206	295	317	312	310	307	312	315	334	357
4	343	332	54	64	122	344	1	23	21	47	57	56	61	47	54	56	50	37	24	351	13	350	348	6
5	6	346	329	304	255	342	351	37	43	56	62	61	134	148	342	50	129	155	257	169	336	304	299	296
6	319	334	329	30	332	346	348	117	158	166	153	184	194	204	296	315	316	300	304	298	301	303	306	307
7	307	318	310	312	342	6	16	67	22	42	56	64	68	64	61	63	53	71	360	352	352	14	8	7
8	19	1	7	308	311	7	13	19	34	79	73	73	57	69	52	33	49	330	314	311	19	57	22	113
9	328	340	30	49	292	325	321	157	195	168	45	53	58	70	56	46	61	288	26	325	314	50	30	103
10	27	347	359	37	338	346	15	38	275	161	134	135	141	188	218	211	231	280	302	301	302	302	304	314
11	137	119	52	26	339	335	34	351	355	17	154	193	188	182	199	200	255	308	302	207	252	181	201	207
12	218	297	199	201	35	348	351	74	179	202	150	167	204	205	194	212	223	220	351	278	290	291	59	24
13	302	118	61	54	116	350	9	124	164	158	157	182	186	196	210	209	215	207	218	210	231	225	206	175
14	205	205	198	193	196	190	258	269	236	256	312	307	307	304	309	307	303	310	310	306	307	306	293	303
15	301	307	384	303	294	186	296	288	298	307	312	314	318	316	315	317	313	311	311	312	313	316	317	327
16	21	43	76	358	281	114	7	136	151	166	88	50	54	40	79	78	63	31	88	7	5	33	350	331
17	306	328	306	290	2	21	32	37	40	45	67	70	59	49	53	58	56	72	35	325	318	303	301	305
18	48	9	344	328	350	5	255	19	43	55	65	82	62	63	59	98	55	109	309	335	319	323	301	8
19	317	21	270	87	329	356	11	233	18	39	60	62	44	40	48	44	130	168	46	36	4	358	356	2
20	343	43	15	32	7	10	299	193	207	224	227	223	233	224	224	230	227	218	237	202	202	184	210	247
?1	219	222	222	225	235	205	225	218	206	217	204	211	207	205	203	209	213	214	217	225	213	218	207	180
22	155	188	167	160	236	207	175	166	210	129	138	220	70	8	43	320	328	132	178	163	183	166	190	226
23	238	287	206	211	211	217	208	211	206	210	208	208	211	219	219	213	206	189	181	194	197	198	169	134
24	166	192	175	163	154	173	164	168	171	227	306	311	281	276	256	286	309	299	273	201	239	217	236	276
25	243	282	312	304	309	302	300	301	302	316	315	309	303	300	313	305	294	283	303	307	308	315	317	313
26	319	312	315	345	18	210	14	88	53	98	59	69	118	150	192	183	311	314	312	310	316	317	285	26
27	53	313	312	311	323	321	297	326	309	316	302	295	305	313	312	312	320	310	330	321	347	337	328	315
28	313	336	345	337	321	346	351	14	20	46	63	58	72	55	62	63	67	42	22	41	44	29	10	16
29	50	41	54	50	50	53	53	58	69	67	63	70	69	69	71	74	71	83	94	55	353	358	284	360
30	18	14	340	329	246	331	304	51	39	64	64	63	54	60	53	38	22	59	15	8	356	318	322	354
31	88	324	84	26	333	358	351	30	30	34	41	58	63	62	68	59	95	168	44	21	327	334	339	346

Indicates calibration of sensors Indicates invalid data

HOURLY AVERAGED TEHE JRE OCTOBER 1989

SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

۱Y	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	28	21	22	23	AVG
													77-												
1	147	145	141	149	136	120	103	153	186	206	224	240	254	266	270	261	239	201	187	179	172	164	150	138	184
2	133	128	121	121	112	107	116	144	164	176	189	195	199	200	194	181	160	142	129	125	115	99	102	100	144
3	98	87	95	100	87	78	99	121	145	161	178	188	202	203	214	204	178	150	137	131	127	123	116	112	139
4	108	107	103	97	87	71	66	120	151	175	199	213	221	229	235	238	233	208	172	163	155	144	132	139	157
5	131	117	98	85	74	66	86	176	200	219	232	243	247	253	256	257	251	221	192	158	170	174	175	171	177
6	160	165	168	160	128	101	122	177	207	230	247	258	265	270	272	263	246	220	208	203	196	190	188	188	201
7	187	187	182	176	169	162	161	197	221	237	254	264	271	280	285	282	274	257	211	194	180	163	162	166	213
8	171	174	166	116	100	107	150	198	226	252	265	277	282	289	291	290	282	245	227	217	201	193	190	176	212
9	156	135	136	138	132	113	108	191	224	247	268	283	295	300	302	302	295	251	202	213	218	204	204	193	213
8	196	174	147	175	172	154	149	193	231	250	271	294	303	310	311	307	287	248	228	222	216	213	210	204	228
1	194	187	183	182	179	180	185	225	244	251		293	305	313	317	313	287	247	234	218	218	185	176	169	231
2	147	169	178	161	165	158	141	188	220	242	263	288	303	308	310	304	292		235	219	215	209	198	206	223
3	207	191	181	172	166	144	127	190	228		272	291	302	309	310	296	273	235	209	196	194	176	173	164	219
4	150	152	140	149	107	128	154	186	205	215	221	227	229	225	221	211	199	184	178	176	170	163	160	159	179
5	157	155	154	152	150	149		165	188	201	211	215	222	222	218	203	186	167	160	159	168	159	157	151	176
6	148	140	137	137	111	98	94	153	193	208	228	239	252	259	263	263	255	211	183	176	174	168	158	125	182 192
1	122	112	108	103	122	135	145		214	237	252	263	272	278	279	277	267	248	207	176	167 159	161 164	143 154	139 132	187
8	111	133	111	113	113	122	119	174	222	235	252	263	270	275	277	276	267	227 203	161	150 155	166	167	155	151	172
9	112	95	89	78	83	92	92	162	201	228	240	245	251	258	260	257	247 147	139	168	128	125	124	126	126	141
1	134	117	189	104	93	97 123	92 120	142 131	173 139	181 147	178 158	191 169	196 173	187 172	181 169	159 165	146	135	134 134	130	123	129	125	102	138
1	128	126	126	126 95	126 84	86	95	129	151	157	157	149	150	142	142	138	136	131	123	131	134	126	123	134	126
2	105 131	105 122	105 133	137	134	132	131	143	156		176	185	194	197		193		153	132	124	116	116	110	100	148
7	88	89	81	96	88	71	86	122	158		183	186	191	193		183	163	149	132	125	130	116	122	118	135
4	197	115	109	105	93	84	82	93	108		126	138	125	126		113	103	97	90	87	89	78	78	76	102
.J	73	78	68	69	36	12	19	78	113	133	143	153	163	174	177	174	154	115	102	99	99	91	83	81	103
.0	86	85	82	79	75	73	89	105	120	148	163	185	184	174	161	147	124	108	105	101	97	98	97	92	115
:8	89	92	89	88	85	89	56	70	103	127	149	157	164	172	175	175	164	139	112	115	95	86	69	62	113
.0 !9	85	67	78	71	68	67	64	75	90	108	124	134	141	147	151	151	142	131	120	99	55	49	32	20	95
:8	15	30	17	-2	-20	-23	-11		112	131	140	154	161	167	168	166	156	116	70	59	62	44	29	28	76
:1	22	21	19	25	36	28	18	64	131	146	164	171	179	181	186	185	174	112	17	70	88	59	44	38	93
•								-	(3) (4)		men.		-				-	-	-						
RAGE	125	122	118	114	106	100	103	146	175	192	206	218	225	229	229	224	218	182	160	152	147	140	134	127	162

Indicates calibration of sensors Indicates invalid data

HOURLY AVERAGED WIND D NOVEMBER 1989 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A HETERS PER SECOND

AVG Y 1.02 102 134 RAGE 28

Indicates calibration of sensors Indicates invalid data

HOURLY AVERAGED WIND DIRECTION NOVEMBER 1989 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIHUTH

	8																							
łY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	. 22	23
	226	265	254	202		215	227	10	20			70		()		02	00	111	35	319	12	19	18	340
1	336	265	254	293	6	315	327	19	38	65	66	79	68	63	61	83 61	89 69	111 201	10	6	327	∃354	33	62
2	307	323	296	304	306	275	328	15	37	45	61	65	60	79	53 106		2	358	350	56	41	305	306	245
3	358	332	347	13	39	27	342	. 9	31	25	42	79	59	65		31	_	303	255	291	15	166	194	231
4	279	87	284	296	297	7	356	14	127	19	120	169	174	207	308	321	319					177	125	135
5	290	306	25	171	223	239	161	178	219	268	307	306	305	314	309	300	261	247	239	175	266			
6	294	305	335	42	356	356	334	326	309	326	71	67	83	99	321	323	319	316	317	315	311	299	309	312
7	329	337	320	306	323	335	320	314	312	312	312	397	315	313	310	318	321	315	316	312	332	81	145	325
8	64	33	275	326	11	9	7	14	26	44	64	67	.57	63	66	72	68	19	350	355	301	354	350	13
9	292	135	67	325	330	358	356	5	23	32	41	58	72	76	80	75	119	302	358	346	337	350	331 52	328 190
18	344	246	341	344	350	333	71	15	21	59	48	61	65	64	56	56	30	329	36	41 170	15 65	331 19	155	293
17	352	368	352	238	301	326	267	149	121	149	198	26	49	46	51	65	66 321	302 308	79 271	276	220	157	130	311
12	308	288	280	28	219	165	333	193	178	174	177	212	313	309 327	311 326	316 316	318	304	302	298	289	280	283	296
13	310	324	343	333	327	322	309	324	326	356	328	329	324		71	70	62	240	15	358	6	31	10	356
14	298	301	305	338	312	327	335	1	25	24	41	72	69	76		51	8	354	329	319	337	308	297	298
15	222	343	348	354	8	2	329	3	15	43	63	64	68	70	60		_	228	63	14	261	220	98	42
16	333	285	325	61	326	318	12	142	99	36	44	73	58	59	69	130	323 31	43	29	22	47	349	360	27
17	5	359	5	37	128	26	315	20	201	119	37	41	60	66	78	49	83	112	358	329	354	338	342	339
81	4	46	350	276	338	5	302	33	55	60	65 47	65 51	64 62	65 74	72 74	84 54	39	112	346	358	23	330 6	269	321
19	354	4	359 358	356 277	9 278	δ 201	302 86	344 199	80 219	31 329	36	161	178	202	175	172	167	146	171	253	189	297	32	111
?0	337 320	342 313	313	323	328	251 348	312	311	298	316	313	310	316	313	323	328	318	319	319	316	316	323	360	4
?1 ?2	356	351	42	350	346	5	20	324	135	146	117	28	109	147	146	141	215	240	238	217	208	254	278	159
23	285	198	188	292	184	151	13	97	167	183	187	218	325	316	313	309	313	324	348	243	305	271	106	225
24	203	248	274	305	319	277	273	317	284	205	269	314	305	297	303	309	301	287	205	175	176	246	303	318
25	326	317	299	277	350	278	191	209	205	222	219	214	211	212	224	218	215	210	212	209	212	220	215	202
26	204	212	296	216	297	277	319	275	295	318	314	311	297	306	305	312	328	318	310	313	315	316	322	354
27	355	355	355	353	357	350	351	6	43	59	63	68	69	71	76	77	87	96	61	34	10	343	7	9
28	21	12	11	36	28	19	19	6	.24	63	79	62	62	58	66	78	73	86	16	300	342	7	348	355
29	25	3	35	15	1	358	1	18	31	53	54	65	63	63	69	72	71	31	5	338	353	351	342	328
30	32	1	277	357	21	5	275	50	10	30	32	35	41	55	26	32	45	343	204	326	293	27	9	5

Indicates calibration of sensors Indicates invalid data

HOURLY AVERAGED TEMPERATURE NOVEMBER 1989 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
	200									454				400		400						(=)			
1	35	18	9	3	6	38	34	94	129	151	162	174	183	192	194	192	179	150	117	87	87	88	82	50	182
2	26	32	22	2	2	-1	-2	82	131	146	160	172	179	187	189	189	179	122	79	83	58	60	43	29	98
3	39	36	31	34	20	21	24	106	149	162	182	195	206	214	213	218	202	136	106	92	122	114	106	78	117
4	64	74	74	48	41	57	62	101	149	185	215	229	242	254	257	240	216	189	172	160	145	135	125	133	149
5	156	129	114	124	105	119	111	141	190	218	226	236	239	228	219	210	191	168	153	146	145	137	114	104	163
6	127	125	127	125	124	121	128	137	158	184	199	205	212	217	213	190	158	130	122	118	121	123	116	123	150
7	112	187	113	119	114	109	107	110	126	148	171	187	188	190	183	173	151	133	125	124	117	107	98	67	132
8	57	44	32	36	49	63	59	100	134	157	175	190	201	210	213	211	197	152	109	114	91	89	85	59	118
9	48	38	57	48	29	35	57	105	161	180	192	213	223	229	231	230	215	135	116	103	105	119	85	77	126
10 11	74 89	57 88	55 88	71 71	90 81	69 7 5	63 86	130 130	191 194	213 221	224 230	235 235	244	250	254 257	250 254	233 235	160	138	145 122	141 105	139	113 ×	97	152
12	87	74	87	93	106	138	150	175	206	228	249	265	248 273	253 268	259	244	209	167 184	149 167	145	133	116 143	150	112 157	155 175
13	161	161	161	157	146	143	146	159	178	187	212	203	227	232	223	219	193	184	171	167	162	153	141	141	175
14	137	132	128	129	128	121	124	131	163	177	194	205	216	223	224	221	203	142	118	116	102	131	105	94	153
15	87	75	71	62	73	67	38	113	138	169	188	191	198	205	205	197	169	117	105	100	117	122	101	70	124
16	54	36	31	19	38	22	17	65	147	165	178	193	202	203	213	209	191	114	98	94	80	56	72	122	109
17	124	104	56	53	38	31	42	89	135	169	181	202	212	216	215	214	192	172	153	140	159	106	98	113	134
18	119	133	92	73	62	67	76	128	160	174	186	196	207	216	219	215	199	167	131	197	197	108	93	84	138
19	83	95	97	91	78	73	62	91	155	179	191	205	216	219	224	220	199	151	121	117	142	107	94	74	136
20	84	78	84	79	52	42	58	78	70	126	151	184	219	229	233	216	193	174	157	133	124	125	111	141	130
21	159	164	160	163	152	147	155	178	198	210	219	223	224	223	217	207	182	171	165	162	155	159	146	140	178
22	101	63	74	61	43	41	41	73	131	159	190	202	216	213	210	206	172	131	112	103	94	108	126	132	125
23	122	104	95	112	92	79	114	135	172	201	214	233	239	232	223	219	182	159	143	138	141	133	116	106	154
24	127	137	141	126	134	133	128	134	142	161	181	181	187	175	160	146	126	113	108	110	100	91	113	117	136
25	114	116	181	99	97	93	80	107	119	143	161	173	178	157	153	136	121	110	112	110	103	104	104	101	121
.26	101	101	95	93	93	83	79	89	98	102	106	189	107	103	99	93	78	70	62	57	55	53	52	42	84
27	8	-3	-2	-18	-17	-18	-13	19	58	79	91	104	117	122	124	122	113	106	77	54	38	23	15	1	50
28	12	10	11	6	3	-5	-1	22	47	67	80	96	118	119	122	118	105	97	59	9	-14	-23	-25	-35	41
29	-48	-21	-11	-11	-4	-7	-11	26	62	92	187	118	130	137	138	136	121	68	25	21	19	17	14	Ø	47
30	-19	-10	-33	-26	-36	-28	-40	-6	68	97	110	128	138	143	146	145	125	47	39	35	13	26	64	31	48
VERAGE	81	76	72	68	64	64	66	101	138	161	178	190	199	202	201	194	174	137	116	107	102	99	92	85	124

^{*} Indicates calibration of sensors

^{*} Indicates invalid data

HOURLY AVERAGED HIND S DECEMBER 1989 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A HETERS PER SECOND

ť	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
-									44			27	20		30	26	18	25	18	31	16	23	11	9	19
1	8	8	9	5	14	8	14	6	11	25 25	41 34	37 30	30 34	33 36	32	29	18	14	10	20	38	41	34	30	27
2	17	26	33	26	9	11	30	34 50	30 51	35 52	48	45	41	37	35	29	15	13	10	19	22	32	11	7	33
3	32	35	33	39	42	46	51 12	11	9	13	11	12	17	19	23	21	19	17	9	7	12	19	13	14	13
4	6	12	11	8	9 22	8 23	12	11	11	21	34	27	17	61	75	97	98	77	76	134	145	155	152	157	61
3	13	17	14 127	10 99	55	31	50	28	38	30	38	35	30	27	19	14	12	21	10	16	18	15	10	10	38
5	127 12	61 8	8	11	6	15	13	9	8	22	23	41	38	26	25	25	21	28	12	16	15	9	9	9	17
) P	15	13	18	13	11	8	13	8	9	8	24	20	16	16	19	24	21	19	14	16	18	17	19	16	15
9	17	12	13	15	9	12	28	12	13	15	20	22	30	28	60	71	77	47	30	32	34	56	34	26	29 41
á	49	29	28	21	51	47	66	70	90	56	53	52	46	33	26	27	26	32	42	40	41	20	27 39	21 28	48
1	48	37	39	42	41	39	50	41	37	63	82	76	69	72	67	61	58	59	28 12	35 12	21 11	28 16	19	7	21
2	30	23	33	30	6	24	25	13	6	33	33	32	31	34	29	21	14 18	9 20	21	23	16	5	21	18	19
3	9	9	13	14	7	14	8	17	27	30	29	32	29	25	29 16	20 12	8	13	8	12	14	12	11	18	16
4	15	13	17	7	12	16	16	24	31	27	16	31	30	16	23	19	26	21	14	17	11	33	16	24	17
5	6	16	13	14	9	16	17	16	13	11	15	23 30	23 36	17 34	24	23	9	14	6	12	10	10	17	25	19
6	34	16	17	18	18	18	13	13	12	28 27	34 29	46	49	38	75	78	68	34	26	19	24	14	18	20	27
7	11	8	8	10	10	10	8	8	14 13	33	41	41	46	54	67	59	43	22	21	24	22	17	16	13	28
8	19	16	19	16	17	13 5	19 28	13 37	34	14	21	19	28	26	28	25	12	10	12	7	14	22	21	8	18
9	15	19	11	13 13	8 14	8	19	13	7	9	16	15	18	18	22	16	25	17	13	12	8	8	11	23	14
9	9 37	7 34	12 17	10	5	16	12	7	'n	8	15	20	34	27	18	13	12	14	8	8	10	10	10	8	15
1	8	7	11	13	14	8	7	20	28	43	39	38	31	28	31	34	28	22	26	24	31	36	32	19	24
3	13	13	15	8	7	8	7	19	36	41	38	32	34	34	32	27	12	19	15	12	10	12	7	11	19
-4	17	11	6	8	8	13	12	8	18	15	20	33	37	28	24	± 20	19	16	12	9	11	18	11	18	16
-5	14	9	14	18	8	18	23	42	42	38	39	34	37	34	33	20	7	12	7	17	13	29	34	13	23
16	12	13	6	11	13	13	20	11	9	18	16	30	33	30	30	20	18	7	17	7	12	14	12	13	16 30
:7	9	17	19	18	19	10	6	9	6	12	21	34	51	42	58	66	45	42	48	40	39	43	32 55	44 32	50 69
28	32	42	21	28	42	49	51	62	44	66	69	85	99	91	116	110	103	91	89	94	97 45	91	44	37	48
29	13	16	11	12	26	44	68	68	55	46	35	73	112	122	107	96	51	26	17	19 13	45	14 11	15	13	16
38	14	14	27	24	17	15	16	9	10	11	17	25	21	24	23	12 31	16 16	20 16	19 16	15	23	28	15	31	18
31	13	5	8	6	6	11	9	8	13	13	21	29	25	30	32	31	10	10		12					
RAGE	21	18	20	18	17	18	23	22	23	28	31	35	38	37	40	37	30	26	21	25	26	28	25	23	26

Indicates calibration of sensors Indicates invalid data

HOURLY AVERAGED WIND DIRECTION DECEMBER 1989 SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE DEGREES AZIMUTH

,	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
*						240																		
*	10	301	40	20	353	317	337	6	21	30	37	58	73	79	72	70	34	340	341	354	344	343	42	125
i Pa	341 334	6 346	354 353	352 358	315 6	20 10	12 33	11 42	15 29	49 39	66 46	55 57	46 64	46 58	57 68	76 55	65 47	250	22 38	343 354	14 299	5	353 314	334
ř.	354	321	347	62	339	346	207	243	179	173	110	132	152	169	143		169	1 267	82	65	154	297 349	19	16 305
ti.	325	215	51	32	15	348	7	1	55	322	183	183	185	301	329	115 326	322	310	286	321	318	316	316	316
1	318	346	308	317	346	32	18	6	11	24	59	78	106	64	85	21	26	301	156	286	349	317	312	235
5	345	20	357	312	34	277	265	283	156	163	71	35	32	42	65	54	29	338	161	290	353	360	261	258
X	295	312	306	321	282	323	320	317	33	103	28	39	158	150	182	184	187	203	236	259	274	240	279	238
T.	281	303	233	266	174	135	356	21	178	144	168	177	111	100	306	307	319	327	12	11	29	359	346	316
į.	327	350	344	22	17	337	332	329	314	32	54	54	52	61	83	65	46	11	15	23	339	308	342	304
	350	5	25	35	24	21	58	36	41	67	68	68	67	70	71	67	89	98	31	348	354	337	8	4
*	348	352	343	332	254	337	294	312	101	45	38	71	64	69	74	28	353	48	304	316	4	342	316	155
	335	293	339	39	254	338	161	337	332	3	7	25	29	49	46	40	335	328	353	321	312	18	351	9
	188	299	339	189	320	232	345	23	10	88	172	32	44	152	150	92	183	275	101	323	312	321	323	11
	319	225	150	273	248	277	333	360	81	146	174	188	193	187	180	170	174	204	221	235	141	298	268	18
	368	35	6	18	5	358	323	307	51	27	34	40	64	79	77	70	2	323	65	1	338	317	340	336
	316	229	353	6	259	325	224	232	147	173	206	216	218	247	313	316	320	245	182	115	256	172	167	150
	158	155	167	191	212	299	320	168	193	198	198	213	209	204	212	211	219	170	174	167	159	159	161	236
	199	288	309	325	360	12	6	7	10	88	48	104	41	54	70	63	122	242	48	339	352	2	342	80
	347	344	14	320	341	261	294	272	182	143	90	193	136	139	159	167	186	218	283	291	170	201	313	359
	24	23	2	258	186	339	228	219	44	148	186	59	19	39	154	188	183	311	18	16	331	343	299	282
	342	348	282	350	354	55	305	13	12	34	31	43	60	52	59	53	41	360	326	339	348	337	325	340
	48	339	315	342	39	46	354	336	21	33	32	44	65	73	65	71	310	339	337	329	21	345	1	325
	307 313	275 297	308 307	334 351	345 111	299 348	346 344	112	30 11	141 12	89 28	49	68	65	75	73	91	281	358	334	12	347	154	356
	297	291	231	348	309	51	350	211	11 8	150	211	50 30	61 31	55 57	62 51	53 49	279 217	327 122	348	6	12	354	348	350
	342	230	352	283	314	13	42	245	65	192	171	173	193	193	193	220	217	223	253 228	11 192	310 191	204 204	340 216	339 242
	235	271	324	288	286	305	298	293	281	305	303	314	300	308	317	318	314	312	311	311	313	309	318	353
	353	58	57	59	350	324	317	315	322	327	328	12	22	38	46	48	358	259	301	249	513	338	42	12
	327	9	26	28	24	280	325	204	47	289	185	191	112	47	42	158	183	238	256	264	339	335	313	309
	336	31	282	355	345	297	265	264	118	197	187	165	168	173	180	178	162	235	195	94	31	303	26	348
																							-	-

ndicates calibration of sensors ndicates invalid data

HOURLY AVERAGED TEMPERATURE DECEMBER 1989 SOLEDAD MOUNTAIN PROJECT - HOJAVE, CALIFORNIA UNITS ARE TENTHS OF A DEGREE CELSIUS

۱Y	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
· -				5.57	70.7																				
1	10	3	-2	-25	-22	-23	-37	13	≈ 78	113	128	147	159	166	169	167	143	82	61	72	47	31	12	16	63
2	28	42	33	23	0	6	12	68	118	139	151	161	170	178	181	178	156	75	67	43	60	61	62	34	85
3	33	38	31	42	35	32	53	95	101	126	146	162	170	177	179	174	148	72	59	70	61	44	19	8	86
4	19	15	5	9	-7	-5	-28	19	93	128	154	175	189	195	197	192	156	97	73	76	55	86	101	51	85
5	26	33	56	36	29	35	16	51	117	149	163	185	200	215	206	185	165	151	134	133	133	123	117	118	116
0	125	123 37	117	107	102	100	106	97	114	134	160	174	181	187	192	188	160	100	85	63	75	51	46	14	117
0	29 19		33 22	38 11	22	17 -1	9	37	86	132 133	159	163	178	188	193	190	161	114	74	52	72	49	35	27	87 79
0	48	12 35	27	28	9	- I 38	3	15	88	-	147	161	180	188	189	183	152	98	76	64	41	38	29	38	
9				-	37		25	49	106	154	188	211	223	227	221	282	174	149	125	122	117	124	116	120	118
1	141	125 -1	119 20	112 29	105 23	99 4	110 32	116 28	144 38	144 61	150 75	157 84	165 92	170 96	170 94	163 90	137 76	93 65	76 35	79	48 -14	25 -22	20 -18	3 -14	111 37
7	-14	-39	-34	-48	-61	-53	-68	-51	34	61	64	81	92	102	105	104	89	10	-19	-30	-32	-22 -15	-18	-31	10
2	-37	-53	-57	-47	-29	-33 -9	-17	-17	29	58	67	89	107	119	116	111	82	57	47	-30 27	12	2	19	-31 6	28
ر ا	-51 -5	-33 -7	-30	-17	-25	-38	-38	-3	62	98	117	130	140	156	159	159	132	46	25	11	22	3	4	6	46
5	8	-3	19	15	14	1	-3	-5	53	89	111	116	123	139	143	148	123	89	77	61	68	114	79	73	69
6	57	33	27	29	10	-6	-13	-8	75	114	132	148	157	161	163	159	140	63	41	39	27	20	20	22	67
7	13	8	-21	-6	-22	-23	-10	-3	82	123	143	165	179	188	180	166	142	129	87	82	93	75	67	56	78
8	34	39	49	38	18	-1	9	8	76	96	121	135	146	147	139	126	98	66	47	39	40	13	15	-3	62
9	-18	-23	-28	-41	-35	-33	-25	1	34	69	89	108	118	130	134	131	113	56	24	18	22	38	20	-2	38
θ	-19	-23	-13	1	-19	-44	-46	-29	50	104	116	127	135	145	149	148	118	69	40	18	32	30	24	13	47
1	48	65	35	ø	-6	-15	-29	2	69	111	123	134	147	156	156	150	120	64	44	42	43	43	42	9	64
2	-3	14	-10	-15	-8	-12	-10	3	84	121	130	145	154	159	164	162	141	93	61	60	49	48	48	24	67
3	14	-1	-3	2	·-8	-9	0	13	82	117	136	155	167	175	174	170	150	96	82	51	48	50	47	37	73
4	34	32	25	25	25	12	16	19	90	128	154	166	183	185	185	180	165	108	83	65	45	37	37	51	85
5	34	18	9	15	12	1	16	54	93	120	144	168	167	169	168	161	138	91	81	78	74	77	81	68	85
6	55	64	55	58	45	35	27	26	68	131	150	162	172	183	181	179	142	113	84	67	70	73	78	79	96
7	78	66	57	45	36	28	17	19	90	117	139	168	183	195	199	172	156	129	108	93	90	83	72	73	100
8	61	61	47	48	37	44	45	53	69	80	95	97	95	97	87	78	65	56	54	51	50	47	46	44	62
9	32	19	26	17	22	27	34	41	52	88	109	127	138	146	142	137	110	69	56	51	90	68	82	57	73
9	13	19	25	33	47	-2	-25	-14	65	108	126	135	148	151	154	159	142	79	49	40	26	31	20	8	64
1	8	14	1	-9	3	-8	-7	14	88	121	137	146	160	171	175	169	151	111	108	118	115	106	96	93	86
RAGE	28	24	20	17	13	6	6	23	78	112	130	144	155	163	163	157	134	86	66	57	54	50	46	35	74

Indicates calibration of sensors Indicates invalid data

APPENDIX C

Frequency Distribution by Direction and Speed

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'A' SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA OCTOBER - DECEMBER 1989

Speed Class Intervals(kts)

on	1,<3	3,<6	6,<10	10,<16	16,<21	>21	All	mean Speed
	2.3	0.8	0.0	0.0	0.0	0.0	3.0	2.6
4	2.3	3.0	0.8	0.0	0.0	0.0	6.0	3.6
	3 . 0	10.5	2 . 3	0.0	0.0	0.0	15.8	4.6
	11	6.0	6.0	0.0	0.0	0.0	13.2	5.6
	2.6	4.9	0.8	0.0	0.0	0.0	8.3	4.0
6	2.3	3.8	0.0	0.0	0.0	0.0	6.0	3.3
	4.1	2.6	0.0	0.0	0.0	0.0	6.8	2.9
	3.0	6.8	0.4	0.0	0.0	0.0	10.2	3.3
	2.3	6.0	1.1	0.0	0.0	0.0	9.4	4.0
1	2.6	2.6	2.6	0.0	0.0	0.0	7.9	4.7
	0.8	1.5	1 - 1	0.0	0.0	0.0	3.4	4.6
2	0.0	0.0	0.8	0.0	0.0	0.0	0.8	8.7
	0.8	0.0	0.8	0.4	0.0	0.0	1.9	6.4
j.	0.4	0.0	0.4	0.4	0.0	0.0	1.1	7.4
	1.9	0.4	1.1	0.8	0.0	0.0	4.1	5.5
	1.1	0.8	0.4	0.0	0.0	0.0	2.3	3.4
	30.5	49.6	18.4	1.5	0.0	0.0	100.0	4.3
1					-			

m (less than one knot) = 0.0%
iod mean wind speed = 4.3 knots
cent occurrance for 'A' stability class(es) 12.0%

AIR SCIENCES INC. SBWIND(1.2) 1/10/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'C' SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA OCTOBER - DECEMBER 1989

Speed Class Intervals(kts)

irection	1,<3	3,<6	6,<10	10,<16	16,<21	>21	All	Mean Speed
N	0.0	2.9	0.7	0 . 0	0.0	0.0	3.7	5.0
NNE	0.0	7.4	4.4	0.7	0.0	0.0 🖢	12.5	5.9
NE	0.7	2.2	15.4	1.5	0.0	0.0	19.9	7.3
ENE	0.0	0.7	32.4	6.6	0.0	0.0	39.7	8.2
E	0.0	0.7	1.5	0.0	0.0	0.0	2.2	6.3
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.7	0.0	0.0	0.0	0.0	0.0		
SSE	0.7	0.7	0.0	0.0			0.7	1.9
S	0.0				0.0	0.0	1.5	4.2
		3.7	3.7	0.0	0.0	0.0	7.4	5.9
SSW	0.0	2.9	2.9	2.2	0.0	0.0	8.1	7.8
SW	0.0	0.0	0.7	0.0	0.0	0.0	0.7	9.5
wsw	0.7	0.0	0.0	0.0	0.0	0.0	0.7	2.1
W	0.0	0.0	0.7	0.0	0.0	0.0	0.7	8.6
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.7	0.0	1.5	0.0	0.0	0.0		
NNW	0.0	0.0					2.2	6.7
			0.0	0.0	0.0	0.0	0.0	0.0
) All	3.7	21.3	64.0	11.0	0.0	0.0	100.0	7.2

Calm (less than one knot) = 0.0%
Period mean wind speed = 7.2 knots
Percent occurrance for 'C' stability class(es) 6.2%

AIR SCIENCES INC. SBWIND(1.2) 1/10/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'D' SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA OCTOBER - DECEMBER 1989

Speed Class Intervals(kts)

Direction	1,<3	3,<6	6,<10	10,<16	16,<21	>21	וות	Mean
3110001011			0, 10	10, 10	10,121	721	All	Speed
N	0.1	3.7	2.7	0.4	0.0	0.0	6.9	6.3
NNE	0.0	2.3	5.1	0.4				
					0.0	0.1	7.7	7.1
NE	0.0	1.2	4.8	0.9	0.3	0.1	7.3	8.4
ENE	0.0	1.0	1.7	3.1	0.0	0.0	5.9	9.9
E	0.0	0.0	0.4	0.8	0.0	0.0	1.2	10.7
ESE	0.0	0.0	0.1	0.0	0.0	0.0	0.1	6.2
SE	0.0	0.1	0.0	0.0	0.0	0.0	0.1	5.4
SSE	0.0	0.8	0.0	0.0	0.0	0.0	0.8	4.0
S	0.0	0.8	1.0	0.0	0.0	0.0	1.8	6.7
SSW	0.1	0.1	2.6	3.7	1.6	0.3	8.4	12.3
SW	0.0	0.4	2.3	3.3	1.2	0.0	7.2	12.2
wsw	0.0	0.1	1.0	0.1	0.0	0.0	1.3	7.7
W	0.0	0.1	2.0	0.7	0.0	0.0	2.7	8.6
WNW	0.0	0.4	1.8	4.6	1.8	0.7	9.3	13.2
WM	0.5	0.4	2.5	11.5	11.4	4.8	31.1	16.3
MNN	0.1	1.8	3.0	2.1	0.9	0.3	8.2	10.0
) All	0.9	13.3	31.2	31.2	17.1	6.3	100.0	11.8

Calm (less than one knot) = 0.0%
Period mean wind speed = 11.8 knots
Percent occurrance for 'D' stability class(es) 34.7%

AIR SCIENCES INC. SBWIND(1.2) 1/10/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'E' SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA OCTOBER - DECEMBER 1989

Speed Class Intervals(kts)

		_			•			
Direction	1,<3	3,<6	6,<10	10,<16	16,<21	>21	All	Mean Speed
N	2.9	7.7	27.4	0.0	0.0	0.0	38.0	6.3
NNE	1.9	3.4	5.8	0.0	0.0	0.0 **	11.1	5.7
NE	0.5	2.9	0.5	0.0	0.0	0.0	3.8	4.2
ENE	0.0	1.0	0, 0	0.0	0.0	0.0	1.0	5.0
Ē	0.0	1.0	0.0	0.0	0.0	0.0	1.0	5.8
ESE	0.0	0.0	0.5	0.0	0.0	0.0	0.5	6.4
SE	0.5	0.5	0.0	0.0	0.0	0.0	1.0	2.8
SSE	0.0	1.9	0.0	0.0	0.0	0.0	1.9	4.4
S	1.0	5.3	0.5	0.0	0.0	0.0	6.7	4.2
SSW	0.0	1.4	1.4	0.0	0.0	0.0	2.9	5.2
SW	0.0	0.0	0.5	0.0	0.0	0.0	0.5	6.2
WSW	0.5	1.0	2.4	0.0	0.0	0.0	3.8	6.0
₩	0.5	2.4	0.5	0.0	0.0	0.0	3.4	4.2
∘ wnw	1.9	1.0	2.4	0.0	0.0	0.0	5.3	4.7
NW	2.4	1.9	0.0	0.0	0.0	0.0	4.3	3.5
WNN	1.4	5.8	7.7	0.0	0.0	0.0	14.9	5.4
All	13.5	37.0	49.5	0.0	0.0	0.0	100.0	5.5

Calm (less than one knot) = 0.0%
Period mean wind speed = 5.5 knots
Percent occurrance for 'E' stability class(es) 9.4%

AIR SCIENCES INC. SBWIND(1.2) 1/10/90

FREQUENCY OF WINDS BY DIRECTION AND SPEED FOR STABILITY CLASS 'F' SOLEDAD MOUNTAIN PROJECT - MOJAVE, CALIFORNIA OCTOBER - DECEMBER 1989

Speed Class Intervals(kts)

_								Mean
rection	1,<3	3,<6	6,<10	10,<16	16,<21	>21	All	Speed
N	8.3	4.6	0.0	0.0	0.0	0.0 🛥	12.9	2.8
NNE	5.4	4.5	0.0	0.0	0.0	0.0	9.9	2.9
NE	4.6	1.4	0.0	0.0	0.0	0.0	6.0	2.6
ENE	2.6	1.1	0.0	0.0	0.0	0.0	3.8	2.6
E	2.1	0.1	0.0	0.0	0.0	0.0	2.2	2.1
ESE	1.9	0.4	0.0	0.0	0.0	0.0	2.4	2.3
SE	1.4	0.7	0.0	0.0	0.0	0.0	2.1	2.8
SSE	2.2	2.2	0.0	0.0	0.0	0.0	4.5	3.0
S	2.4	1.9	0.0	0.0	0.0	0.0	4.3	3.0
SSW	2.2	1.7	0.0	0.0	0.0	0.0	3.9	2.9
SW	2.1	2.2	0.0	0.0	0.0	0.0	4.3	2.8
WSW	2.1	1.9	0.0	0.0	0.0	0.0	4.0	2.8
W	3.9	1.5	0.0	0.0	0.0	0.0	5.4	2.7
WNW	4.9	2.4	0.0	0.0	0.0	0.0	7.2	2.7
NW	8.2	3.6	0.0	0.0.	0.0	0.0	11.8	2.7
WNN	8.9	5.6	0.0	0.0	0.0	0.0	14.5	2.8
All	63.3	35.9	0.0	0.0	0.0	0.0	99.2	2.8

Calm (less than one knot) = 0.8%
Period mean wind speed = 2.7 knots
Percent occurrance for 'F' stability class(es) 32.6%

AIR SCIENCES INC. SBWIND(1.2) 1/10/90

APPENDIX D

Wind Speed Frequency Distributions

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA OCTOBER 1989 (%)

Wind Speed Intervals (mph)

					•		-1				
Day	< 10	>=10 , < 13	>=13, < 16		>=19, < 22	>=22, < 25	< 28	< 31	 >=31		Time Period
1	71.1	10.7	11.4	6.0	0.9	0.0	0.0	0.0	0.0	22.3	1
2	33.1	10.7	7.9	12.3	14.6	12.5	6.9	1.9	0.2	32.7	2
3	48.6	16.3	12.5	10.6	7.7	3.6	0.7	0.1	0.0	29.1	3
4	82.8	14.2	2.8	0.2	0.0	0.0	0.0	0.0	0.0	17.8	2
5	90.2	9.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	15.1	3
6	55.9	16.4	17.1	8.6	1.9	0.1	0.0	0.0	0.0	23.9	3
7	61.5	19.2	12.5	5.8	8.9	0.1	0.0	0.0	0.0	23.2	2
8	81.7	10.3	5.5	2.3	0.2	0.0	0.0	0.0	0.0	20.9	
9	97.3	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	14.2	3 2
10	71.1	10.3	11.8	5.8	1.0	0.0	0.0	0.0	0.0	22.3	
11	83.6	11.8	4.1	0.5	0.0	0.0	0.0	0.0	0.0	20.0	3 2
12	84.5	10.6	4.4	0.5	9.0	0.0	0.0	0.0	0.0	18.7	2
13	85.8	9.2	4.4	0.5	0.0	0.0	0.0	0.0	0.0	18.0	2
14	34.0	6.9	6.0	6.9	9.5	11.2	10.3	8.2	7.0	47.0	3
15	10.7	3.4	5.7	9.3	13.9	18.0	17.5	12.7	8.8	41.1	
16	97.7	1.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	18.9	
17	66.0	25.6	6.9	1.5	0.0	0.0	0.0	0.0	0.0	20.0	2 2
18	90.0	9.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	15.1	2
19	91.7	6.8	1.4	0.1	0.0	0.0	0.0	0.0	0.0	17.6	2
28	46.0	10.6	11.6	11.3	9.5	6.5	3.0	1.4	0.2	34.1	2
21	29.8	20.7	16.1	16.0	11.7	5.1	0.5	0.0	0.0	28.7	2
22	98.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	14.4	3
23	50.1	14.7	12.7	14.1	6.8	1.5	0.1	0.0	0.0	27.3	2
24	66.4	9.2	9.3	8.3	4.4	1.8	0.6	0.1	0.0	28.9	2
25	9.2	8.3	12.3	15.5	17.6	13.1	8.4	6.9	8.6	50.6	3
26	65.6	8.6	8.8	8.5	5.4	2.7	0.5	0.0	0.0	28.6	1
27	11.0	7.0	13.8	17.8	14.6	12.1	8.7	7.7	7.2	42.5	3
28	69.1	17.2	5.0	1.3	1.1	1.6	1.7	1.6	1.5	40.7	1
29	35.8	29.7	21.3	10.0	2.8	0.5	0.1	0.0	0.0	26.0	2
30	91.0	7.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	16.0	2
31	98.4	1.6	0.0	0.0	8.8	0.0	0.0	0.0	0.0	13.5	2
A11*	64.8	11.0	7.4	5.6	4.0	2.9	1.9	1.3	1.1	50.6	3

^{*} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

AVERAGE FREQUENCY DISTRIBUTION OF MIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA NOVEMBER 1989 (%)

Rind Speed Intervals (mph)

		>=10 ,	>=13,	>=16,	>=19,	>=22,	>=25,	>=28,		Нах Gust	Tine
Day	< 10	< 13	< 16	< 19	< 22	< 25 €	< 28	< 31	>=31		Period
1	82.2	12.8	4.5	0.5	8.0	0.0	0.0	0.0	0.0	18.4	2
2	96.0	3.9	0.1	0.6	0.0	0.0	0.0	0.0	0.0	13.9	
3	99.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	
4	82.2	6.8	5.3	4.1	1.4	0.2	° 0.8	0.0	0.0	24.8	
5	68.7	10.2	5.3	5.9	5.0	3.6	1.0	0.3	0.0	32.3	
6	32.8	9.6	7.6	14.2	16.5	11.3	4.5	1.8	1.8	40.9	
7	19.3	6.8	13.4	21.6	21.6	13.1	3.6	0.7	0.0	33.7	
8	84.3	13.8	1.7	0.2	0.0	9.0	0.0	0.0	0.0	18.0	
9	96.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	2
18	99.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0_0	12.3	
11	99.9	9.1	0.0	9.0	8.8	0.0	0.0	0.0	0.0	10.5	2
12	74.0	6.5	7.3	7.8	3.8	0.6	0.0	0.0	0.0	26.0	
13	9.3	13.5	17.9	23.9	21.3	11.2	2.7	0,2	0.0	30.2	
14	68.4	9.1	7-1	7.1	4.7	2.5	0.8	0.2	0.0	31.1	
15	93.3	6.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	15.8	2
16	97.5	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	15.7	2
17	92.0	7.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	16.6	2 3
18	78.2	17.0	4.1	9.6	0.0	0.0	0.0	0.0	0.0	20.0	2
19	92.7	7.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	14.2	
20	99.2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	3
21	27.4	9.7	11.9	15.0	16.6	13.1	5.1	1.2	0.1	32.3	3
22	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	
23	67.6	7.9	9.9	8.1	3.9	1.8	0.6	6.1	0.0	30.7	3 2 2 2
24	44.9	9.4	11.2	13.0	10.8	6.9	2.7	1.0	0.2	33.2	2
25	24.0	14.8	24.1	22.1	9.6	3.9	1.3	0.3	0.0	33.6	2
26	10.1	9.9	16.8	19.8	17.6	12.8	7.6	4.1	2.7	39.8	3
27	62.6	13.7	11.9	7.6	3.3	0.8	0.2	0.0	0.0	27.7	3 2
28	65.7	15.5	12.8	5.1	0.9	0.0	0.0	0.0	0.0	23.5	
29	76.0	22.8	1.2	9.8	9.8	0.0	0.0	0.8	0.0	17.3	
30	98.0	2.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0	13.0	
All*	71.4	8.2	5.6	5.9	4.5	2.7	1.0	0.3	8.2	40.9	3

^{*} All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

AVERAGE FREQUENCY DISTRIBUTION OF WIND SPEEDS SOLEDAD HOUNTAIN PROJECT - HOJAVE, CALIFORNIA DECEMBER 1989 (%)

Wind Speed Intervals (mph)

										Нах	
		›=10 ,	>=13,	>=16,	>=19,	>=22,	>=25,	>=28,			Time
Day 	< 10 	< 13 	< 16	< 19	< 22	< 25 	< 28	< 31		(mph)	Period
1	97.5	2.5	0.0	0.0		0.0	0.0	9 A	a a	12.5	
2	97.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	
3	75.3	22.7	2.0	0.0	0.0		0.0	0.0	0.0	15.5	
4	100.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	8.9	2
5	55.1	2.9	4.1	5.8	6.1	4.1	3.2	4.1	14.6	48.9	
6	77.3	5.4	2.8	2.7	2.1	2.2	2.3	2.1	3.0	45.5	
7	98.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	1
8	100.0	0.0	8.0		0.0	0.0	0.0	0.0	0.0	9,6	2
9	78.7		6.7	4.6	1.8	0.2	0.0	0.0	0.0	28.0	2
10			8.1	5.8	2.4	0.8	0.2	0.0	0.0	28.7	ວ າ
11	54.8	17.1	12.3	9.9	4.6	1.1	0.2	0.0	0.0	27.7	2 2 3 2 2 2 2 2 2 3 1
12		1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	2
13	99.5		0.0	0.0	0.0	0.0	0.0	0:0	0.0	12.1	2
14	99.9	0.1	0.0	0.0	0.0	0.0	0.0	9.0	0.0	10.8	2
15		1.0	0.0	0.0	0.0	0.0	.0.0	0.0	0.0	13.7	2
16	98.0		0.1 ·	0.0		0.0	0.0	0.0	0.0	13.7	ე 1
17	79.7		5.8	4.4	2.2	0.5	0.0	0.0	0.0	26.4	2
18	81.5		5.8	1.7		0.0	0.0	0.0	0.0	20.9	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
19	99.9		0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	2
20	100.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	2
21	99.8		0.0	0.0		0.0	0.0	0.0	0.0	11.2	2
22	96.3	3.7		0.0		0.0	0.0	0.0	0.0	12.8	2
23	98.3			0.0	0.0	0.0		0.0	0.0	12.5	2
24	98.9	1.1		0.0	0.0	0.0	0.0	0.0	0.0	14.6	2
25	97.1	2.9		0.0	0.0	0.0	0.0	9.0	8.8	12.6	2
26	99.8	0.1		0.0	0.0	0.0	0.0	0.0	0.0	13.5	2
27	74.2	17.4	6.1	1.8	0.5	0.0	0.0	0.0	0.0	21.9	2
28	26.4	15.1	10.7	12.2	15.3	12.3		2.2	0.4	34.8	2
29	55.3		9.1			3.9	3.4	2.7	2.3	41.8	2
30	100.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	2
31	99.0	1.8	0.0	0.0	0.0		0.0	0.0		14.1	3
A11*	87.1	5.2	2.4	1.8	1.3	8.9	1.8	0.3	0.2	48.9	3

All data on this line are monthly averages of the daily values except for maximum gust and time period which are the maximum gust recorded during the month and the time period of that gust.

SAMPLING PROTOCOL AIR MONITORING PROGRAM GOLDEN QUEEN MINE PROJECT

Prepared for Envirocon, Inc. Missoula, MT

Prepared by Air Sciences Inc. Lakewood, CO

Project 58-07 October 1989

Table of Contents

1.0 INTRODUCTION	
) () SITING OF THE MONITORING CTATION	_
3.0 SYSTEM DESIGN AND SPECIFICATIONS	2
3 1 Solar Power Supply System	4
3.1 Solar Power Supply System	4
3.2 Data Acquisition System	4
3.3 Wind Speed	5
3.4 Wind Direction	6
3.5 Sigma Theta	6
3.6 Temperature	6
3.7 Meteorological Tower	6
4.0 INSTALLATION, OPERATION, MAINTENANCE AND CALIBRATION	7
4.1 Routine Operations and Maintenance	7
4.2 Calibration Procedures	8
4.2.1 Wind Speed	8
4.2.2 Wind Direction	8
4.2.3 Temperature	8
4.4 Standards Control Procedures	
4.5 Emergency Repair Procedures	9
5 0 DATA PROCESSING	9
5 1 Meteorological Data	10
5.2 Rattery Voltage Data	10
5.2 Battery Voltage Data 6.0 DATA REPORTING	11
O.O DATA REPORTING	12

List of Figures

1	PROJECT LOCATION	_
2	SITE CHECK FORM	3
3	WIND SPEED CALIBRATION FORM	13
4	WIND DIRECTION CALIBRATION FORM	14
5	WIND DIRECTION CALIBRATION FORM TEMPERATURE CALIBRATION FORM	15
6	STORAGE MODULE TRANSMISSION FORM	16
7	STORAGE MODULE TRANSMISSION FORM	17
•	STORAGE MODULE RECEIPT FORM	18

1.0 INTRODUCTION

Dispersion meteorological data are to be collected at the Golden Queen Mine Project site for Golden Queen Mining Company (GQMC). The purpose of the monitoring is primarily to define dispersion meteorology and secondarily to measure climatological values for the site.

This document presents information on the site selection for the meteorological monitoring station, equipment specifications, calibration and quality control procedures, record keeping and reporting procedures. All figures are located at the end of this report.

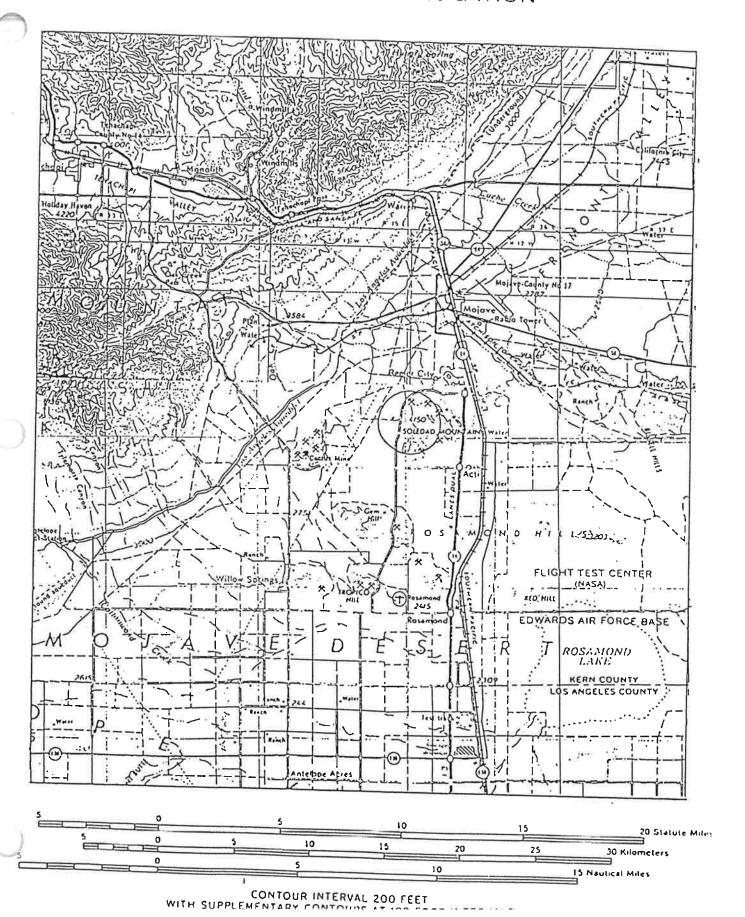
The parameters to be monitored are wind speed, wind direction, direction deviation (sigma theta) and temperature. There will be a 30-foot meteorological tower installed and operated near the project area. The parameters of wind speed, wind direction and direction deviation will be measured at 30 feet, and temperature will be measured at the two-meter level. All meteorological data will be recorded by a digital data acquisition system (DAS) equipped with a solid-state storage device for data recording.

Air Sciences will design and install the monitoring system. Site personnel trained by Air Sciences will be responsible for the routine changing of data recording modules and checks of the condition of the monitoring equipment. The meteorological data will be reported to GQMC on a quarterly schedule. The meteorological equipment will be calibrated on a semiannual schedule.

2.0 SITING OF THE MONITORING STATION

The Golden Queen Mine monitoring station will be located on the plains just west of Solidad Mountain in the Mojave Desert of Kern County, California. The site is approximately 12 miles northwest of Rosamond Lake and five miles south-southwest of the town of Mojave. The mine pit will be located on Solidad Mountain. Proposed heap leach pads or tailings piles and mill facilities are expected to be located west of the Mojave-Tropico Road. There are several locations where particulates will be emitted from the slopes of Solidad Mountain, from the pit which will be near the mountain top, down to the plain and the winds will be different at different elevations on the mountain. The station will be located on the plain and will define the wind patterns that will carry any pollutants toward residential areas. The station will be at an approximate elevation of 2,845' MSL about one quarter mile west of Mojave-Tropico Road and at UTM coordinates 3,871.5 km north and 389.2 km east (the southwest quarter of Section 1, T 10 N, R 13 W). Vegetation is sparse in this part of the Mojave Desert Basin and consists of sagebrush and widely scattered Joshua trees. The monitoring location is shown on Figure 1.

GENERAL PROJECT LOCATION



3.0 SYSTEM DESIGN AND SPECIFICATIONS

This section describes the meteorological instrumentation that will be used for the Golden Queen monitoring program. The meteorological instrumentation has been selected to be compatible with the EPA standard reference methods and will provide high quality, reliable data.

3.1 Solar Power Supply System

Power to the meteorological instrumentation will be supplied by a Solarex Model MSX-10 solar power cell mounted on the meteorological tower. This system includes the solar power cell, a 6.5 amp-hour sealed gell-cell battery for power storage and a Bobier Model B-1 charging regulator. The system will provide, on a 24-hour basis, uninterrupted 12 Volt (nominal) output at 10 watts of power suitable for the current needs of the meteorolgical sensors and digital data acquisition system.

3.2 Data Acquisition System

The Campbell Scientific, Inc. Model 21X data logger will be used as the data acquisition system (DAS) on this project. The Model 21X will sample the analog data every 10 seconds, compute 15 minute averages of sine and cosine of wind direction, scalar wind speed and temperature and store the averages in its own internal memory. The following parameters are to be recorded by the logger every 15 minutes:

<u>Parameter</u>	<u>Units</u>
Output Table Flag Julian Day Time (PST) Scalar Wind Speed Temperature Sine of Wind Direction	- days hours:minutes mph deg C
Cosine of Wind Direction	
Direction	

The data logger will also calculate the average battery voltage, wind speed distribution and maximum instantaneous (10 second) wind speed value over each 8-hour period of the day. The following parameters are recorded by the logger every 8-hours:

Parameter	<u>Units</u>
Output Table Flag	70 0
Julian Day	Days
Time (PST)	Hours:Minutes
Average Battery Voltage	VDC VDC
Wind Speed Histogram (1 mph - < 10 mph)	%
Wind Speed Histogram (> = 10 mph - < 13 mph)	%
Wind Speed Histogram (> = 13 mph - < 16 mph)	%
Wind Speed Histogram (> = 16 mph - < 19 mph)	%
Wind Speed Histogram (> = 19 mph - <22 mph)	%
Wind Speed Histogram ($> = 22 \text{ mph} - <25 \text{ mph}$)	%
Wind Speed Histogram (> = 25 mph - <28 mph)	%
Wind Speed Histogram (> = 28 mph - < 31 mph)	• •
Wind Speed Histogram (> = 31 mph)	%
Maximum (instantaneous) Wind Speed	%
wind Speed	MPH

A solid-state storage device will be interfaced to the logger. The data values will be written to the logger's internal memory and to the external device. The external storage device will be changed on a three-week schedule to allow for data transfer and processing. The logger has the capability to store approximately four weeks of data in its internal memory before data write-over occurs.

3.3 Wind Speed

Wind speed will be measured continuously using a MetOne, Inc. Model 014 sensor interfaced directly to the DAS. The Model 014 is a three-cup anemometer which generates a square-wave frequency proportional to the wind speed by the use of a magnetic-read switch. Power for the sensor is supplied by the DAS. Starting threshold for the 014 sensor is less than 1.0 mph. The Model 014 has an accuracy of +/- 1.5 percent or 0.15 m/s, whichever is greater.

3.4 Wind Direction

Wind direction will be measured continuously using a MetOne, Inc Model 024 sensor interfaced directly to the DAS. The 024 sensor provides a 0-360 degree format through the use of a precision potentiometer powered by the DAS. The potentiometer outputs a varying voltage proportional to the wind direction. The sensor has an accuracy of +/- 5 degrees with a distance constant of less than three meters. Sensor alignment is to true north with a magnetic declination of 15.5 degrees east. The damping ratio of the sensor is 0.25. As with the 014 sensor, the starting threshold of the 024 sensor is less than 1.0 mph. The wind direction is recorded in an intermediate form as average sine and cosine of wind direction on a 15 minute basis.

3.5 Sigma Theta

The variation in the wind direction, or sigma theta, will be calculated on Air Sciences' engineering computer using the four 15-minute average sine and cosine values of wind direction. The instantaneous (10-second) wind direction sensor values in degrees are converted to sine and cosine values and averaged every 15 minutes by the DAS. These scalar values are later used to calculate sigma theta based on the Yamartino algorithm as recommended in the EPA-450/4-87-013 Meteorological Monitoring Guidelines, (equation 6.1.7). The Yamartino approximation is more precise at high deviation angles than the previously widely employed single pass small-angle approximation.

3.6 Temperature

The Model 107 temperature probe will be exposed at a height of 2 meters above ground level. The probe, a linear thermistor system, will be housed inside an aspirated radiation shield to protect the sensor from the influence of direct sunlight. Temperature is measured by the DAS as a varying resistance proportional to the ambient temperature. Accuracy of the temperature sensor is \pm 0.2 degree with a linearization error of less than 0.1 °C over the temperature range of -33 to \pm 48 °C.

3.7 Meteorological Tower

A Rohn 25G 30 foot Zone C meteorological tower will be installed at the monitoring location. The tower will be instrumented at the 10 meter level with the wind speed and direction sensors. The temperature sensor will be installed in a passive aspirated shield at the two-meter level. The tower will be grounded and lightning protection will be installed on all signal lines.

4.0 INSTALLATION, OPERATION, MAINTENANCE AND CALIBRATION

The meteorological monitoring systems will be installed by Air Sciences personnel. These personnel are experienced instrumentation technicians, trained in the operation of all of the monitoring system components. Routine operations such as data module changing will be carried out by a local resident. Calibrations will be performed by Air Sciences technicians.

4.1 Routine Operations and Maintenance

After the installation and initial calibration are complete, Air Sciences personnel will train local site personnel in the routine operation of the monitoring system.

Routine site checks of the meteorological monitoring system will be performed at least once per week. Results of the site check are documented on a standardized form, Figure 2. The person responsible for these duties will be the site technician. He will report directly to the Project Manager. Site check duties consists of the following activities:

- comparing instantaneous estimates of local weather conditions with the instantaneous data acquisition system measured values,
- changing and shipping data storage modules,
- maintaining checklist of operations,
- performing maintenance as specified,
- performing housekeeping of tower and grounds, and
- reporting problems to the Project Manager.

The site operator responsible for the above duties will be thoroughly trained and supervised prior to operation of the system. The site operator will have access to instrumentation and computer specialists at Air Sciences if their assistance should become necessary.

Every three weeks, the site operator will change the storage device at the meteorological station. The storage device, and all completed site documentation, will be forwarded to Air Sciences in Denver via certified or registered mail. Operational and maintenance activities will be documented on the site check form (see figure 2).

4.2 Calibration Procedures

4.2.1 Wind Speed

Calibrations of the wind speed system will be performed semiannually. Field calibrations consist of inputting known frequencies to the signal conditioning electronics, recording the outputs and comparing these to the calculated targets. The calibrations include an inspection of the cup and cable integrity and an evaluation of the sensor bearings by experienced touch. Tolerance for the calibration is +/- 1.0 mph. Exceedance of the tolerance will result in identification and repair of the defective component and recalibration until the tolerance is obtained. Calibration data will be recorded on form Figure 3.

4.2.2 Wind Direction

Calibrations of the wind direction system will be performed semiannually. The calibration consists of orienting the sensor vane to a series of compass located targets. The targets, nominally a total of six, are selected to cover the operating range of the system. A Suunto precision magnetic compass, accurate to within one degree is used to survey the targets. The target readings are adjusted for magnetic declination of 15.5 degrees east. Checking the vane at six compass points shows possible discrepancies in orientation and linearity. Tolerance for the wind direction calibrations will be +/- 5 degrees for the calibration points. If this tolerance is not met, the sensor will be reoriented and recalibrated, or the potentiometer replaced. As with the wind speed calibration, the direction calibration will include a visual inspection of the vane, cable and bearings. Calibration data will be recorded on form Figure 4.

4.2.3 Temperature

The ambient temperature probe will be calibrated semiannually in place by comparison with a certified thermometer. The response of the probe is checked at a minimum of three distinct points. Tolerance for the temperature calibration is a +/-1 °C for all points. Exceedance of this tolerance will result in the reprogramming of the DAS slope and intercept so that the calculated linear regression of reference temperature versus probe temperature shows a correlation coefficient of 0.995 of greater. The calibration will include an inspection of the shield and cable integrity. Calibration data will be recorded on form Figure 5.

4.4 Standards Control Procedures

The thermal and electronic standards used on this project are traceable to NBS standards. The precision mercury in glass thermometer is provided with a certification. The electronic equipment used on the project is annually certified traceable to NBS standards.

4.5 Emergency Repair Procedures

Air Sciences maintains a stock of the most common failure items for the meteorological sensors, storage devices and data loggers. If a system should fail, the site operator may be able to identify the problem and repair the malfunction. If the repair is beyond the capabilities of the site operator, the Project Manager will dispatch the appropriate personnel to the field to make the necessary repairs.

5.0 DATA PROCESSING

Air Sciences will receive the meteorological data storage modules and site check forms every three weeks. These data and records are registered as they are received. A data receipt form or a transmission form, Figures 6 and 7, are filled out for all modules received from or transmitted to the site. Following registration, all received information or data are reviewed by the Project Manager or his assistant to identify any instrumentation problems or data corrections required.

5.1 Meteorological Data

Air Sciences will receive data from the digital data acquisition system every three weeks via certified or registered mail. Each storage device will be logged in with the date received, site and data period recorded on a form, Figure 7. After registration, the digital data will be transferred from the storage device to Air Sciences' engineering computer. The digital data is composed of 15-minute averaged data, 8-hour wind speed histograms and 8-hour maximum gust data. Data modules returned to the site will be logged on a Storage Module and Filter Transmission Form, Figure 6.

Processing of the meteorological data is performed as it is received. The raw data files containing the 15-minute averages recorded by the data logger will be processed into hourly averages. The processing programs employed for this project will calculate the following hourly averages:

Wind Speed

Arithmetic average of the four 15-minute averages of scalar

wind speed.

Wind Direction

Unit vector average of the four 15-minute sine and cosine

averages.

Sigma Theta

Root mean square average of four 15-minute unit vector average

sigma thetas calculated by Yamartino algorithm (EPA-450/4-87-

013, eq. 6.1.7) from sine and cosine of wind direction.

Temperature

Arithmetic average of the four 15-minute averages of

temperature

The hourly sigma theta data are used to calculate an hourly stability class using the modified sigma theta method (EPA-450/4-87-013, section 6.4.4.3). A surface roughness length of 15 cm will be used.

The hourly average processing programs check for the correct number of 15-minute averages in the hour. Valid hourly averages will be comprised of a minimum of 30 minutes of consecutive valid data. The processing programs will check for wind speeds less than 0.5 or greater than 50 m/s, directions less than one or greater than 360 degrees and temperatures less than -45 °C or greater than 40 °C. Following the hourly averaging, the data are checked for unusual conditions such as extended periods of time (over three hours) with constant values. When the data quality assurance checking is complete, the data are ready to be summarized in data reports.

The raw data files containing the 8-hour wind speed histograms tabulated from instantaneous (10-second) data logger interrogations and the maximum wind gust in each 8-hour period from instantaneous data logger values will be separated from the raw 15-minute averaged data and stored in different files on Air Sciences' engineering computer.

The meteorological data files are written to magnetic tape on a twice weekly schedule to provide a back up file in the event of a computer hardware problem.

5.2 Battery Voltage Data

Every three weeks, the data storage modules are received by Air Sciences. Along with the meteorologic data contained on the storage module is an 8-hour average battery voltage. This voltage is the average voltage (Vdc) of the storage cell connected to the solar power system. This data is examined to determine existing or possible future problems with the power system which may affect the quality of the meteorologic data collected by the Data Acquisition System.

6.0 DATA REPORTING

Air Sciences will submit quarterly summary data reports to GQMC at the conclusion of each quarter of the monitoring program. This report will contain:

- all valid meteorological data collected during period in a standard SAROAD format,
- joint frequency distributions of wind speed and direction by stability class for the period,
- tabulation by 8-hour periods, the high wind frequency distribution and maximum gust,
- a calculation of the percentage of valid data collected, with an explanation of any instrument malfunction for each parameter, and
- a copy of any calibrations performed during the period.

Figure 2 GOLDEN QUEEN MINE PROJECT PROJECT NO. 58-07 SITE CHECK FORM

Date:		Time:	Oper	ator:		
Yes No	1. The towe 2. The anem 3. The senso 4. The temp 5. The data l 6. The storag 7. Each day, temperate 8. Record th battery vo 9. The solar 10. The meteo	r crossarm is orient erature shield is int ogger is reading the ge module is conne estimate the wind ure. Document these corresponding logate erading. panel appears to be prological system sto the schedule (externs and storage forms and storage forms and storage).	wht. Guy wires secur wind direction vane ed properly. act. e correct time and of cted to the 21X Seri speed, wind direction se readings below. gger readings below e clean.	re. are turning freely. day. ial I/O port. on and w (*6 Mode) and in		
	Parameter	Estimated	Logger	Audit		
	Speed (mph)					
	Direction *(deg)					
	Temperature (°F/°C)					
	Battery Voltage (V)					
	Time (MST)					
	Date					
Audit Date Audit Initials Comments/Unusual Occurences or Weather:						

WIND SPEED CALIBRATION CAMPBELL SCIENTIFIC 21X LOGGER

Sensor Model No :		_ Client :
Sensor Serial No ·		Job No :
Sancar Haight .		Sito .
LOGGER Ser No .		Date :
Name :		Time :
L CVCTTA INCOCATION		
I. SYSTEM INSPECTION		
D a section	PASS	FAIL
Bearings	-	
Cable	***	
Cups		Post of the Control o
II. SYSTEM LINEARITY CHECK	27	
Input Frequency	Target	21X Reading
(Hz)	()	_()
1		
2.	-	
3	-	
4	**************************************	1
5) 	
6		3
7	2 	-
8		5
9.	-	
10.		
Target (mph) = $(Hz \times 1)$.789) + 1.0	
Target (m/s) = $(Hz \times 0.$		
	,	
Comments:		
	Signatur	e

Figure 4 WIND DIRECTION CALIBRATION CAMPBELL SCIENTIFIC 21X LOGGER

Sens Sens	sor Model No : _ sor Serial No : _ sor Height : _ ger Ser. No. : _ e : _			Client Job No. Site Date Name		
l. S'	YSTEM INSPECT	ION			(145)	300
II. S\	Bea Cal Vai YSTEM LINEARI	ne	PASS	FAIL		5m
0		TT CITECK				
1. 2. 3. 4. 5.	Orientation Vane Tail	Compass (degrees)	Declination (degrees)		Direction egrees)	21X Reading (degrees)
* Comi	If site has a west	t declination, add declination, subt	ract declination	from comp	ass reading.	4
			Signature			

Figure 5 TEMPERATURE CALIBRATION CAMPBELL SCIENTIFIC 21X LOGGER

Sensor Model No :	Client :
Sensor Serial No:	Ioh No :
Sensor Height :	Site ·
Logger Ser. No. :	Date :
Name :	Time :
I. SYSTEM INSPECTION PASS	FAIL
Cable	-
II. SYSTEM LINEARITY CHECK	ÿ.
	21X Reading
Measured Corrected 1 2.	(degrees)
3.	
4.	
5.	
6	
8.	
9.	
10.	
Average	
Average	
Comments:	9
Signate	IIIC

Figure 6 GOLDEN QUEEN MINE PROJECT STORAGE MODULE TRANSMISSION FORM

108 NO:		
CLIENT :	PAGE	OF

l+o		T T	
Item	Via ,	`Sent Date	Ву
TOTAL CONTRACTOR OF THE STATE O			~~~
-,1,		*	

STORAGE MODULE RECEIPT FORM

OB NO.	:	SITE		
LIENT	:	PAGE	:	OF

Received		Processed		Data	Period	ET. M	
Date	Ву	Date	Ву	From	То	File Name	Comments
						*****	¥/



APPENDIX IX



GOLDEN QUEEN MINING COMPANY SOLEDAD MOUNTAIN PROJECT ESTIMATED PM₁₀ AND AIR TOXICS EMISSIONS AND IMPACTS ASSESSMENT

November 1995

Prepared for:

Golden Queen Mining Company Post Office Box 878 Rosamond, California 93560-0878

Prepared by:

WZI Inc. 4700 Stockdale Highway, Suite 120 Bakersfield, California 93309

07330010.085



TABLE OF CONTENTS

	<u>Pa</u>	ige
EXEC	UTIVE SUMMARY	1
l.	INTRODUCTION	4
II.	FACILITY DESCRIPTION	5
III.	MODEL SELECTION	7 7 8 9
IV.	MODEL PARAMETERS	10 10 11 11 12
V.	EMISSIONS CHARACTERIZATION	13
VI.	DISCUSSION Hazard Assessment Exposure Assessment Adjustments Mixing Height Applicable Degree of Accuracy Project Life Evaluation of Results PM ₁₀ Impacts Class I Area Impact Analysis Carcinogens Acute Health Effects Chronic Health Effects Output Results	14 14 15 16 16 17 17 17 18 19 20 21
VII	REFERENCES	22



TABLES

Table #	
1	Frequency Distribution of Wind Speed and Direction
2	Emission Sources
3	Emissions Quantities for PM ₁₀ Analysis
4	Emissions Quantities for TSP Analysis
5	PM ₁₀ Monitoring Results
6	Receptor Risk by Pathway
7	70-Year Lifetime Potential Cancer Risk by Pollutant for Peak Receptor - TSP
8	70-Year Lifetime Potential Cancer Risk by Source for Peak Receptor - TSP
9	Acute Hazard Index Peak Receptor
10	Chronic Hazard Index Peak Receptor



EXHIBITS

Exhibit #	
1	Regional Location Map - Proposed Project
2	Property Map
3	Proposed Project Source Locations
4	Location of Property Line and Specific Receptor Locations
5	Location of Gridded Receptor Locations for ISC2 and ACE2588
6	Location of Gridded Receptor Locations for PM ₁₀ Analysis
7	Monitoring Station Location Map
8	1990 Wind Rose
9	1991 Wind Rose
10	PM ₁₀ Average Background Concentration
11	10 ⁻⁶ Isopleth for Proposed Project



APPENDICES

<u>Appendix</u>

Α	Modeling Protocol Approval
В	ISC2 Input Data - Toxic Analysis
С	ISC3 Input Data - PM ₁₀ Analysis
D	Laboratory Analyses
E	ISC3 Output for Class 1 Analysis
F	Emissions Estimates
G	ACE2588 Output PM ₁₀ Analysis
н	ACE2588 Output TSP Analysis



TABLE OF ABBREVIATIONS

ADA Applicable Degree of Accuracy

AEL Acceptable Exposure Level

BLM Bureau of Land Management

BTEIR Biennial Toxic Emission Inventory Report

CAPCOA California Air Pollution Control Officers Association

CARB California Air Resources Board

CEQA California Environmental Quality Act

CUP Conditional Use Permit

EIR/EIS Environmental Impact Report/Environmental Impact Statement

EPA U.S. Environmental Protection Agency

HRA Health Risk Assessment

KCAPCD Kern County Air Pollution Control District

MECR Maximum Excess Cancer Risk

NEPA National Environmental Protection Act

OEHHA California State Office of Health Hazards Assessment

PAH Polycyclic Aromatic Hydrocarbon

PM₁₀ Particulate Matter Less than 10 Microns

POM Polycyclic Organic Matter

PSD Potential for Significant Deterioration

SMARA Surface Mining Reclamation Act

URF Unit Risk Factor

UTM Universal Transverse Mercator



EXECUTIVE SUMMARY

Golden Queen Mining Company (Golden Queen) proposes to install an open pit mine and heap leach gold processing operation on Soledad Mountain, in the Southeast Desert portion of Kern County, near the town of Mojave (Exhibit 1). This mining and processing facility's principal products will be gold and silver. This document presents an analysis of the estimated air toxics emissions and associated health-related impacts of the proposed project. Golden Queen will apply for a Conditional Use Permit (CUP) with Kern County to allow a Surface Mining and Reclamation Plan in accordance with the Surface Mining Reclamation Act (SMARA) of 1975. Application for a CUP will require compliance with the California Environmental Quality Act (CEQA). Golden Queen will also apply to the Bureau of Land Management (BLM) for a Plan of Operations in compliance with the National Environmental Protection Act (NEPA).

The California Air Resources Board document "Risk Management Guidelines for New and Modified Sources of Toxic Air Pollutants" was used as the primary guidance for this assessment of air toxics and impacts assessment. Golden Queen emission estimates use the methodologies of development previously utilized for quantification of air toxics from similar mining operations. Estimated emissions of toxic air contaminants were used in an air dispersion model and post processor to calculate ambient air concentrations. These calculated concentrations were used to arrive at health conservative estimates of increased individual carcinogenic risk that might occur as a result of continuous exposure over a 15 year project lifetime. In a similar fashion, calculated concentrations of compounds with non-carcinogenic adverse health effects were used to calculate hazard indices (ratio of expected ambient air concentrations to acceptable exposure levels). The multi-pathway air toxic analysis includes determination of the effects of toxins entering the body through six pathways in addition to the inhalation pathway.

Carcinogenic risk and hazard indices for the proposed project were calculated at certain specific locations near the property in addition to a grid of locations surrounding the

07330010.085



property. The maximum estimated excess cancer risk (MECR) from project emissions at any point off the property is 1.459 x 10⁻⁶, located at UTM coordinates 391,840 E by 3,870,852 N. Estimated risk values are based on the ground level concentration of emissions at the specific locations. The health conservative nature of the assumptions inherent in the risk assessment procedures imply that the risk to actual residents living near the proposed facility will, in all likelihood, be less than the values indicated. Kern County Air Pollution Control District has established that a level of ten in one million excess cancer risk is considered significant.

The maximum estimated acute hazard index based on project emissions is 0.0302 located at UTM coordinates 389,826 E by 3,872,073 N. The maximum estimated chronic hazard index based on proposed project emissions is 0.0297 located at UTM coordinates 391,845 E by 3,872,351 N. The hazard index is a measure of the predicted concentration compared to the acceptable exposure level. Neither acute nor chronic exposure is significant because they are both below 1.0.

The methods of calculating carcinogenic risk, hazard indices and cancer burden used here are based on a "worst-plausible" situation and are health conservative in nature. They predict the upper limits of risk based upon the given emission rates. That is to say, the real risks are not likely to be higher than the predicted numbers and may well be significantly less. This health conservative approach to assessing risk is the one chosen by the United States Environmental Protection Agency (EPA), the California Office of Environmental Health Hazards Assessment (OEHHA), and the California Air Resources Board (CARB), and is used here for consistency with the concepts and basic assumptions utilized by the reviewing agencies.

This comparison of estimated toxic emissions assumes continuous exposure to the maximum concentration of emissions for the entire life of the project. This method ignores the reduction in exposure realized by periods of time spent away from the residence on vacation, at work, or indoors. Each phase of a risk assessment development contains some level of



uncertainty as a result of bias, variability, or uncertain information. This air toxics and potential health impacts assessment is designed to estimate environmental impacts, human exposure, and the potential for adverse effects, which in many cases cannot be directly measured or have not yet occurred. When actual measurements cannot be made, conservative assumptions are required to complete the calculations.



I. INTRODUCTION

As part of the CUP and Plan of Operation applications for the proposed project, this document provides a calculation of PM_{10} emissions and air toxics emissions, and presents the potential additional health risk resulting from the proposed project along the property boundary and at specific locations located near the Golden Queen property, in addition to a grid of locations extending out from the property. The specific locations were placed to represent existing residences or groups of residences.

A modeling protocol was submitted to the Kern County Air Pollution Control District (KCAPCD) on February 10, 1995. Subject to conditions contained in a letter from KCAPCD dated June 1, 1995 (Appendix A), the protocol was approved. These conditions have been incorporated into this analysis. Since the protocol was approved, the dispersion model ISC2 has been officially revised by EPA. The updated version of the model (ISC3) is used for the PM₁₀ analysis relative to the ambient air quality standard but the prior version (ISC2) has been utilized for evaluation of toxics because the toxics post-processor has not been updated. A table comparing annual concentrations between the two versions has been provided to illustrate the conservative nature of the toxics analysis.

The California Air Resources Board document "Risk Management Guidelines for New and Modified Sources of Toxic Air Pollutants" was used as the primary guidance for this assessment of air toxics and impacts assessment.

Approximately two years of pre-project onsite meteorological data was gathered and has been used in the dispersion modeling analysis and one year of PM₁₀ data was collected to determine background levels of fine particulate matter.



II. FACILITY DESCRIPTION

Golden Queen proposes to operate an open pit gold mining operation near the town of Mojave, California. Operations at this site, like all mining operations, will have a finite production life. Golden Queen anticipates that there will be a number of open pit mining areas within the ultimate mining limit on the property. When the operation begins, drilling and blasting in the pits will occur. After the material is blasted, it is loaded into large off-road mining trucks and transported to either an overburden pile or the ore processing area. The ore will be crushed to the proper size, agglomerated, and then conveyed to the heap leach pad. The heap leach pad will have dilute cyanide solution circulating through the ore to dissolve precious metals and carry them to the collection area which, in this project, will be in the toe of the heap to minimize the exposed surface area and evaporative losses of the solution.

The project is located in a rural setting having a low population density within the surrounding five kilometers. The project area occupies most of the higher elevations of Soledad Mountain, with only a limited area of the mountain at or above the release point of the mine operations not under control of Golden Queen. Exhibit 1 is a regional location map showing the facility relative to surrounding communities and Exhibit 2 shows the property outline on a topographic map of Soledad Mountain.

A review of estimated emissions from the property indicates this will not be considered a major source of air contaminant emissions as defined under the Prevention of Significant Deterioration (PSD) guidelines.

Sources of emissions relating to open pit mining include fugitive dust emissions from drilling, blasting, truck loading and unloading, hauling, dozing, and wind erosion. In addition, combustion sources, a baghouse, and process equipment are emission points relating to the processing area. Exhibit 3 shows the location of all point and area sources for the proposed project.



For risk analysis and risk management of toxic compounds, it is necessary to evaluate the known sources of toxic air emissions and their potential health impacts including fugitive sources which are not currently quantified for purposes of determining criteria pollutant emissions from a facility. Golden Queen has a number of sources which are considered fugitive sources, including blasting, loading and unloading, transport, and wind erosion. These sources have been quantified using EPA AP-42 factors.



III. MODEL SELECTION

The EPA approved model ISC3 has recently been approved for use in regulatory settings and replaces the older version ISC2. Because the post processor for risk assessment (ACE2588) has not yet been updated to accept ISC3 input, ISC2 is used for the toxics analysis. ISC3 has been used to quantify PM₁₀ concentrations at 435 of the close-in locations used in ISC2.

ISC2

The estimated ambient air concentrations of PM₁₀ and chemicals emitted during operations at the facility were modeled at selected locations using the EPA approved model ISC2 coupled with site-specific sequential, short-term meteorological data. ISC2 is a steady-state Gaussian plume dispersion model designed to assess pollutant concentrations from a wide variety of sources including point, area, and volume sources. ISC2 is appropriate for industrial source complexes, rural or urban areas, flat or rolling terrain, transport distances less than 50 kilometers, and 1-hour to annual averaging times. ISC2 is also appropriate for receptors located below the top of the stack. The model options that have been used for this assessment follow the guidelines specified by EPA and CARB. Specific model setup options that have been used to model the proposed project emissions are indicated in the model input in Appendix B.

The facility is located on Soledad Mountain at elevations ranging from 2900 feet to 4000 feet. Parts of the mountain itself are not under control of Golden Queen and are located at or above some of the proposed sources of emissions. The topography around the facility is generally located below the facility in all directions beyond the mountain. The majority of significant sources at the Golden Queen facility are fugitives which occur at ground level. The fugitive sources are treated as area or volume sources. These types of sources are basically terrain following (i.e. low stack heights with low stack velocities).



ISC2 output yields total concentrations and source contributions of multiple sources at designated coordinates, using the coordinates, stack parameters, and emission rates associated with each source, combined with the meteorology. For purposes of this evaluation, ISC2 has been utilized with unit emission rates (1.0 gm/sec for point sources and 1.0 gm/sec/m² for area sources). Concentrations from ISC2 will be scaled by a post processing program which will relate emission rates of toxic constituents from each individual source to a total concentration and a maximum expected excess risk.

ISC2 output is passed to a post-processor (ACE2588) which analyzes each source contribution for each toxic compound to calculate the potential excess cancer risk and the potential acute and chronic hazard indices from each toxic compound at each receptor location.

For the evaluation of project concentration levels, 20 specific receptor locations were set at selected residences near the property. In addition, a grid was utilized for analysis of the estimated excess risk consisting of locations on the property boundary spaced 250 meters apart, and a grid of 500 meter (500M) spaced locations. The property boundary is irregular in shape with "windows" of uncontrolled land surrounded by land under Golden Queen's control. After the peak offsite location was determined, a grid of 100 meter (100M) spaced locations was established around the peak. The peak offsite location is on the property boundary within one of the "windows" and is topographically high up on the mountain. Exhibit 4 shows property line and specific receptor locations and Exhibit 5 shows the gridded receptor locations used in ISC2 and ACE2588 relative to the property.

ISC3

ISC3 is the latest update to the Industrial Source Complex model and it now provides handling of different terrain elevations. Simple, intermediate and complex terrain elevations relative to the sources are all supported by ISC3. This model has been used to evaluate the effects of the 24-hour average PM_{10} concentrations at 435 of the locations analyzed by ISC2.



Exhibit 6 shows the gridded receptor locations used in ISC3 for the PM₁₀ analysis. ISC3 input data is contained in Appendix C.

ACE2588

The post-processor (ACE2588) has been widely used in California for compliance with California Code of Regulations Title 17, 93300-93347. CCR17 requires facilities to quantify air toxic emissions and to prepare health risk assessments if certain thresholds are exceeded. ACE2588 has as input the concentrations calculated by the air dispersion model ISC2, air toxic emissions by source, unit risk factors of each toxic compound, and information relating to multiple pathway effects related to health risk. Because ISC3 is only recently finalized, ACE2588 has not yet been modified to accept ISC3 data.

The multi-pathway analysis is based on assumptions provided by the California Air Pollution Control Officers Association (CAPCOA) and listed in the Risk Assessment Guidelines dated January 1992. No modifications to these assumptions were made for this facility. The assumptions include a settling velocity of 2 cm/sec for controlled sources and 5 cm/sec for uncontrolled sources. Other assumptions are that only respirable particulate affects the inhalation pathway while total suspended particulate (TSP) is used for all other pathways.

Output from ACE2588 includes the concentration of each toxic compound in $\mu g/m^3$ for both maximum hourly and annual concentration, receptor estimated total excess cancer risk, source and pollutant contributions to total cancer risk at specified receptor locations, receptor maximum acute exposure, and receptor maximum chronic exposure. In addition, graphical representations of the excess risk and relationship to the acute and chronic exposure levels are possible using the output from ACE2588.



IV. MODEL PARAMETERS

Meteorological Data

Golden Queen contracted for the operation of a meteorological data gathering station on its property starting in 1989 with operations continuing for approximately two years. Exhibit 7 shows the location of the monitoring station in relationship to the Golden Queen property. Air Sciences, Inc. gathered and checked the data from this station. This meteorological data was collected in accordance with United States Environmental Protection Agency guidelines and has been verified for completeness. Upper air soundings from Winnemucca, Nevada were used with the surface data to create two annual datasets for model input. The first is for the period September 1, 1989 through August 31, 1990 (1990). Exhibit 8 is a windrose for 1990. The second is for the period August 20, 1990 through August 19, 1991 (1991). Exhibit 9 is a windrose for 1991. Table 1 shows the frequency distribution of the wind speed and wind direction for 1991 data.

The onsite meteorological data was processed using the EPA program PCRAMMET to include calculated urban and rural mixing heights based on Holzworth using the upper air data gathered from Winnemucca, Nevada. (The Winnemucca station is the nearest representative station with data processed and available to the public.) The calculation method results in some abnormally low morning mixing heights. The morning rural mixing heights were adjusted to be no lower than the lowest calculated value above 50 meters on any given day. Modification of the early morning mixing heights is reported to have been allowed by EPA on other occasions involving primarily fugitive dust sources.

Based on analysis using the peak receptor locations and the proposed sources, the 1991 meteorological data provides the highest estimated excess risk at the peak receptor location and is utilized in this evaluation.



Emission Points

Emission sources have been divided into 68 sources in ISC2 and 42 in ISC3. Table 2 shows how the sources were separated for use as modeling input. This was necessary for more accurate representation of area sources. Exhibit 3 shows source locations for the proposed project.

Emission Summary

All toxic air contaminants from fugitive dust sources are quantified on the basis of their fraction in total suspended particulate (TSP). This is a new project and only limited analysis of onsite materials has been performed. Analysis of raw materials from nearby mines has been used to quantify the estimated concentrations of toxic contaminants in the various fugitive dust sources. The analysis results and a qualitative discussion of which sample may be more representative of the project are included in Appendix D.

PM₁₀ quantification is based primarily on AP-42 emission factors and is used for the ambient air quality analysis as well as the toxics analysis.

For risk assessment purposes, two sets of modeled quantities are required. Risk associated with the inhalation pathway is based on particulate matter less than 10 microns (PM₁₀); all other pathways are analyzed based on the toxic fraction in TSP. These two analyses are combined to determine the estimated increase in maximum excess cancer risk for the facility. The AB2588 regulation specifies an applicable degree of accuracy (ADA) in pounds per year for each substance. The regulation does not require facilities to quantify emissions of substances if the calculated annual emissions of that substance are less than the ADA. The following substances are likely present but are reported below the ADA and are therefore not included in the analysis; acetaldehyde, acrolein, benzene, cadmium, copper, formaldehyde, manganese, mercury, naphthalene, PAH, propylene, selenium, toluene, xylene, and zinc.



Golden Queen has estimated that the activity level will be 3.6 million tons per year of ore and 11.8 million tons per year of overburden. The model has been run twice at this activity level, once with the PM₁₀ portion of emissions to determine excess cancer risk from inhalation pathways and once with TSP emissions to determine the excess cancer risk from all other pathways. Table 3 contains emissions estimates for the proposed project PM₁₀ emissions. Table 4 contains estimated emissions for the proposed project TSP case. Backup data and emissions estimates for the various emissions sources are contained in Appendix F.

Multipathway Analysis

There are only six chemicals in the Golden Queen inventory which are identified in the CAPCOA guidelines as having multipathway effects. They are arsenic, beryllium, cadmium, lead, mercury and polycyclic aromatic hydrocarbons. Cadmium and mercury have been calculated to be emitted at levels below the ADA and therefore are not quantified. The impact of the other four chemicals on the alternate pathways has been analyzed using the ACE2588 post-processing program. The alternate pathways are dermal, soil, water, plants, animal, and mother's milk.



V. EMISSIONS CHARACTERIZATION

Estimates for the proposed project emissions have been based upon production plans provided by Golden Queen using emission factors approved by EPA, CARB, and KCAPCD and source tests. These methods can be conservative because of uncertainty surrounding site-specific input parameters.

The primary sources of toxic air contaminants are fugitive dust emissions resulting from the drilling, blasting, and materials handling of the ore and the overburden. Naturally contained in the fugitive dust are certain elements which are classified as toxic air contaminants. Golden Queen has analyzed samples of ore material and overburden from the property to determine toxic concentrations in the dust. These samples were analyzed by a third party laboratory to determine the quantity of each of the elements considered to be toxic air contaminants. In addition, samples from two nearby gold mining operations were also reviewed. Results of these samples were used in calculating the toxic fraction of PM₁₀ estimated to be emitted into the air from each distinct operation. Raw material analyses are included in Appendix D. Emissions from the combustion sources were based on either relevant source tests or Ventura County Air Pollution Control District factors for organics.

Other emission factors used are from EPA AP-42 or have been determined from actual source testing at similar facilities. Reference to the specific emission factors used is also contained in the backup calculations spreadsheets. Appendix F contains the calculation spreadsheets used in determining the quantity of proposed project emissions.

The unit risk factors which are the basis for carcinogenic risk calculations are based upon a 70-year exposure to the toxic chemicals. Golden Queen has not yet begun operating on the property except for exploratory analyses. The estimated life of the project is approximately 15 years.



VI. DISCUSSION

Hazard Assessment

OEHHA evaluates chemical substances for cancer health effects, for chronic, non-cancer health effects that may appear years after exposure, and for acute, non-cancer health effects that appear almost immediately after exposure. In some cases, a substance causes more than one type of health effect, and is regulated accordingly. As an example of one of these substances, lead is regulated as a carcinogen, as causing chronic, non-cancer health effects, and as causing acute, non-cancer health effects.

For purposes of this analysis, Golden Queen has determined that the following toxic air contaminants, as identified by CAPCOA, are being emitted, or could be emitted in the future, from the facility:

111-TCA

Hydrochloric Acid

Acrolein

Hydrogen Sulfide

Arsenic

Lead

Arsine

Manganese

Benzene

Mercury

Beryllium

Naphthalene

Cadmium

Nickel

Copper

PAHs

Fluorocarbons

Selenium

Formaldehyde

Toluene

Zinc

Contaminants resulting from mining operations include arsenic, beryllium, cadmium, copper, lead, manganese, mercury, nickel, selenium, and zinc.



Appendix F contains a listing of all regulated air toxics which are expected to be emitted and the emission source. The emission rates (lbs per year and lbs per hour) used for modeling each different production scenario are also included.

Exposure Assessment

The multi-pathway air toxic analysis includes determination of the effects of toxins entering the body through six pathways in addition to the inhalation pathway. They are dermal, soil, water, plants, animal, and mother's milk. For the proposed project, the water and animal pathways are not considered because there are no open sources of water and no commercial cattle or poultry is raised nearby. In addition, the mother's milk pathway is not considered because it is affected only by toxins not present in the Golden Queen emissions. The conservative assumptions made by CARB are used in the analysis of each of the remaining pathways. The soil pathway is the ingestion of dust which is deposited on food eaten by the individual. Assumptions in the soil pathway analysis include a mixing depth of only 1 centimeter in the soil and 110 mg/day of soil consumption. The plant pathway analyzes the effect of toxins taken into the plants grown in the backyard of the residences. In reality, it is unlikely that the residents of arid desert communities such as those near the Golden Queen property are consuming two-thirds of a pound per day of homegrown fruits and vegetables.

Human exposure was estimated for a hypothetical individual residing continuously at the point of maximum impact. This approach assumes that the individual is always in the same location, exposed to the calculated ambient concentration, which would seldom, if ever, occur. Periods spent away from the residence due to vacation or work would result in lower exposures and lower estimated excess cancer risk to the individual.



Exposure was estimated using the procedures and assumptions presented in the CAPCOA AB2588 guidelines. In several ingestion pathways, the CAPCOA guidelines give a mechanism for incorporating site-specific information. For purposes of this analysis, the defaults included in the guidelines were used.

Acceptable exposure levels (AELs) are used as indicators of potential adverse, non-carcinogenic, health effects. They are generally set by agencies based on the most sensitive adverse health effect reported in literature. AELs are designed with a margin of safety to protect the most sensitive individuals. A hazard index of 1 represents the acceptable exposure for an individual substance. Different substances may affect different target organs and exposure to two or more substances which may affect the same target organ are assumed to be additive. However, exposures above the acceptable exposure levels (i.e. a total hazard index greater than one) do not necessarily equate to significant health risks because of the margin of safety included in the AEL. AELs have been established for various substances for both maximum short-term (one-hour) exposure levels and maximum long-term exposure levels.

Adjustments

Mixing Height - When the onsite meteorological data sets (1990 and 1991) were processed with Winnemucca upper air data to include mixing heights, they contained some early morning mixing heights which were extremely low. These low mixing heights resulted in area source emissions with low stacks and low exit velocities bouncing emissions between the ground and the mixing height for long distances. Early morning mixing heights below 50 meters were modified to set morning values to no lower than the lowest value above 50 meters as the lowest mixing height on any given day throughout the year.

<u>Applicable Degree of Accuracy</u> - After estimation of the total quantity of each toxic chemical emitted, a determination was made as to whether the total exceeded the applicable degree of accuracy (ADA) for reporting emissions for the particular chemical under AB2588. If the

07330010.085



total was less than one-half the respective ADA, the chemical was not included in the impacts assessment. Estimated emissions of the following chemicals from the proposed project are below one-half the ADA; Arsine, Cadmium, Copper, Mercury, and Selenium.

<u>Project Life</u> - The unit risk factors (URF) assigned to each carcinogenic chemical are based in part on the assumption of a 70-year exposure to the chemical. The estimated excess risk associated with potential emissions from the Golden Queen facility should be based upon the facility life. Golden Queen has determined that the Proposed Project will be completed in less than ten years.

This analysis assumes that the Proposed Project will be completed in fifteen years to allow for possible changes in operating rate or location of additional reserves. The estimated excess cancer risk from the facility based on projected emissions has therefore been reduced using a factor of 15/70 to reflect potential excess risk based upon only fifteen years at the projected emissions rate. Table 6 shows the total estimated cancer risk at seventy (70) years and at fifteen (15) years for each of the evaluated locations. Golden Queen proposes to have a condition limiting operations to a maximum of fifteen (15) years on its permits. This would allow Golden Queen and reviewing agencies to review the operations at that time to determine if operations may continue. Factoring the estimated excess cancer risk was discussed with KCAPCD and verbally approved provided the estimated project life is realistic and conservative and is included as a permit condition.

Evaluation of Results

<u>PM₁₀ Impacts</u> - Based on analysis of the emission sources, the majority of emissions are not considered quantifiable for purposes of determining Prevention of Significant Deterioration (PSD) status. Golden Queen is not required to obtain a PSD permit. However, in accordance with KCAPCD requirements (as outlined in the letter dated June 1, 1995, Appendix A), an analysis of the maximum 24-hour average PM₁₀ concentration has been prepared for comparison with the State and National Ambient Air Quality Standards.



Golden Queen obtained results from PM_{10} monitoring during 1990 and 1991 for the purposes of determining background levels of PM_{10} . Two samplers were set up to gather dual 24-hour samples approximately every three days. Exhibit 10 is a representation of the average of the 24-hour results over time. Table 5 shows the actual sampling results as well as the arithmetic and geometric mean for the year. The maximum 24-hour average concentration was 51 μ g/m³. The annual arithmetic mean for PM_{10} was 21.7 μ g/m³. One day exceeded the California Ambient Air Quality Standard (AAQS) of 50 μ g/m³. No days exceeded the federal AAQS of 150 μ g/m³. The background exceedance of the California AAQS occurred on May 30, 1991.

An assessment of the potential PM₁₀ impacts of the proposed project was prepared using ISC3 for multiple receptor locations including 20 certain nearby residential receptors, 172 locations along the property boundary approximately 250 meters apart, a fine grid of 53 locations spaced 100 meters apart, and a coarse grid of 190 locations at 500 meter spacing.

The maximum estimated 24-hour average PM_{10} concentration from the proposed project is 26.45 μ g/m³. When added to the annual average background concentration of 21.7 μ g/m³, the total concentration is 48.15 μ g/m³. This is less than the California AAQS of 50 μ g/m³.

<u>Class I Area Impact Analysis</u> - Telephone contact with EPA Region IX in San Francisco revealed that sources of fugitive emissions which are not covered by local permits and regulations are also not included in the total emissions used to classify a stationary source as a major source. Using this criteria, the Proposed Project is not considered a major source and is not subject to Prevention of Significant Deterioration (PSD) requirements.

Even though the Proposed Project is not considered a major source, an analysis of the effect of estimated PM_{10} emissions on Class I Wilderness areas within 100 kilometers was performed. This analysis is required of major sources to determine whether or not a PSD source increases pollutant concentrations by 1 μ g/m³ or more (24-hour average) in a Class I area. The Class I areas within 100 kilometers of the Proposed Project are Dome Wilderness



to the north, and San Gabriel Wilderness and Sheep Mountain Wilderness to the south. In addition, two wilderness study areas, Red Mountain and Golden Valley, have been included in this analysis. This analysis shows an estimated maximum increase in 24-hour average PM_{10} concentration of only $0.22 \,\mu g/m^3$ at Dome, $0.35 \,\mu g/m^3$ at San Gabriel, and $0.40 \,\mu g/m^3$ at Sheep Mountain. Therefore, no significant impact is expected to occur at the nearest Class I areas. Appendix E contains the ISC3 output for the Class 1 wilderness areas.

<u>Carcinogens</u> - The highest estimated maximum risk at a specific location is 1.459 x 10⁻⁶ and is located at 391,840 E by 3,870,853 N which is on the southern property line within one uncontrolled window near the eastern dump. KCAPCD has established that a level of ten in one million excess cancer risk is considered significant. Therefore, the excess carcinogenic risk from this project is not considered significant. None of the twenty specific receptor locations have an excess risk greater than one in one million and all are located at least 1 1/2 miles from the point of maximum impact. The entire one in one million excess cancer risk isopleth is located within a window of uncontrolled land high on the mountain with no current access. Six locations near the point of MECR are above one in one million.

Table 6 shows the risk by pathway for the proposed project for all receptors. Supporting data for these calculations is contained in Appendix F. Appendix G contains the ACE2588 output from the proposed project PM₁₀ case and Appendix H contains the ACE2588 output from the proposed project TSP case. All input and output files have also been provided on disk. Emissions of arsenic and beryllium are the primary cause of the excess cancer risk associated with the proposed project. Table 7 shows the breakdown of the cancer risk by pollutant from the ACE2588 output for the proposed project TSP case. 73.6 percent of the estimated excess risk at the maximum exposed location comes from exposure to arsenic compounds which are contained in the fugitive dust emissions relating to the normal activities of the facility. While the proportions of risk by pollutant will change at different locations, arsenic and beryllium will be the predominant pollutants at all locations.



Arsenic is reported in the EPA Toxic Substances Control Act Inventory. Arsenic and its compounds are on the Community Right-To-Know List. For purposes of the impacts assessment, all arsenic (all sources and all forms) is reported as elemental arsenic. Arsenic is classified as a human carcinogen based on evidence from lung cancer mortality rates in populations exposed primarily through inhalation (smelter workers) and increased skin cancer incidence in several populations consuming drinking water high in arsenic concentration (Taiwan, Chile, Argentina and Mexico). No excess skin cancer incidence has been observed in United States residents consuming relatively high levels of arsenic in drinking water. Additionally, there has not been consistent demonstration of arsenic carcinogenicity in test animals for various chemical forms of arsenic administered by different routes to several species.

Blasting (sources 12 through 18) accounts for 75.42 percent of the estimated excess risk at the location of the maximum excess cancer risk. Hauling and truck loading account for 11.92 percent and 3.18 percent, respectively. Table 8 shows the estimated 70-year lifetime cancer risk by source for proposed project emissions at the peak location from the TSP analysis.

Exhibit 11 shows the isopleth of the one in one million excess cancer risk from the proposed project.

Acute Health Effects - Analysis of the proposed project shows that exposure to air toxics which may have acute effects on the central nervous system (the maximally exposed toxicological endpoint) have estimated hazard indices less than 1.0. Nickel and hydrogen cyanide are the only substances emitted in sufficient amounts to quantify and the total acute hazard index is 0.0302 from exposure to nickel. Exposure from the proposed project is less than the AEL defined for each of the listed chemicals individually. Table 9 shows the acute hazard index by pollutant for the peak receptor from the proposed project. Thus, no significant health effects are anticipated to occur from acute exposure to any air toxics.



Chronic Health Effects - Analysis of the proposed project shows that exposure to air toxics which may have chronic effects on the central nervous system (the maximally exposed toxicological endpoint) have estimated hazard indices less than 1.0. Arsenic, lead, and hydrogen cyanide all may have chronic effects on the central nervous system. Exposure from the proposed project is less than the AEL defined for each of these chemicals individually and presents an estimated hazard index of only 0.02975 combined. Table 10 shows the chronic hazard index by pollutant for the peak receptor from the proposed project.

All estimated exposures are individually and collectively less than the AEL. No significant health effects are anticipated to occur from chronic exposure to any air toxics.

Output Results - Model input and output is available on diskette and will be supplied to the Kern County Air Pollution Control District and will be available to others on request. Please contact Greg McNeish, WZI Inc., 4700 Stockdale Highway, Suite #120, Bakersfield, CA 93309.



VII. REFERENCES

- CARB, 1992. Amendments to the "Hot Spots" Emissions Inventory Criteria and Guidelines Regulation, California Air Resources Board, March.
- CARB, 1993. Risk Management Guidelines for New and Modified Sources of Toxic Air Pollutants, California Air Resources Board, July.
- CAPCOA, 1992. CAPCOA Air Toxics "Hot Spots" Program Risk Assessment Guidelines, Prepared by the AB2588 Risk Assessment Committee of the California Air Pollution Control Officers Association (CAPCOA), January.
- U.S. Environmental Protection Agency, 1986. Guidelines on Air Quality Models. EPA-450/2-78-027R. U.S. EPA, Research Triangle Park, NC.
- U.S. Environmental Protection Agency, 1995. Compilation of Air Pollutant Emission Factors,
 Volume I: Stationary Point and Area Sources. AP-42 Fifth Edition, U.S. EPA,
 Research Triangle Park, NC.

TABLE 1

STATION NUMBER: 98765 Soledad Mountain Onsite Met YEAR 1991

FREQUENCY DISTRIBUTION (JAN-DEC)

WIND SPEED (METERS/SECOND)

DIRECT	ION * < 1.5	< 2.6	< 3.8	< 5.0	> OR =	5.0 TOTAL
1 2 3	42 52 33	102 93 88 68	54 52 57 57	25 25 29	8 13 35	231 235 242
4 5 6 7	42 52 33 22 19 9 5 8 10 13 16 9 9	70 57	57 61 71 52 25 17	25 25 29 43 42 49 46 11	8 135 42 38 25 12 12 6 8 34 34 34	231 235 242 233 223 221 174 81 65 57 72 97 100 79 87 105 168 16 192 266 343 303 303 185 159 127 137 171 187 385 769 1098 861 306 227 197
8 9 10 11	8 10 13	43 28 21 18 28 25 29 32 59 68 115	17 15 16	17 8 7	12 6 8 34	65 57 72 97
12 13 14 15	16 9 9 16	29 32 59 68	15 16 18 16 13 10	8 1 2 3	0	100 79 87 105
10 11 12 13 14 15 16 17 18 19 20 21 22 24 25 26 27 28 29 31 32 33 34 35	20 2 25 14	115 10 76 53	26 2 49 54	2 3 3 2 13 30 44 40 28 21 22 27 27 27 27 27 29 39 23 13 19	1 4 0 29 115 201 172 82 50 38 32 47 92 254 630 959	168 16 192 266
21 22 23 24	20 25 14 6 15 10 18 10 16 37 14 23 35 49 39 39	53 44 34 33 36 27 34 33 28	48	44 40 28 18	201 172 82 50	343 303 185 159
25 26 27 28	10 16 37 14	27 34 33 28	42 32 37 31 33 27 26	21 22 27 27	38 32 47 92	127 137 171 187
29 30 31 32	28 35 49 39	31 38 36 60 69 88 77 77	29 24 25 29	43 42 29 39	694	385 769 1098 861
33 34 35 36	52 42 38 52	69 88 77 77	29 26 41 45 40	23 13 19 19	136 43 18 9	227 197 197
TOTAL	840	1914	1248	820	3933	

TOTAL NUMBER OF OBSERVATIONS = 8760

TOTAL NUMBER OF CALMS = 5

* NOTE - DIRECTION FROM WHICH THE WIND IS BLOWING 1STATION NUMBER: 98765 Soledad Mountain Onsite Met YEAR 1991

FREQUENCY DISTRIBUTION (JAN-DEC)

WIND SPEED (METERS/SECOND)

DIRECTION *	< 1.5	< 2.6	< 3.8	< 5.0	> OR =	5.0 TOTAL
1	.004795	.011644	.006164	.002854	.000913	0.026370
2	.005936	.010616	.005936	.002854	.001484	0.026826
ä	.003767	010046	.006507	.003311	.003995	0.027626
ĭ	.002626	.007763	.006507	.004909	.004795	0,026598
3	.002511	.007991	.006963	.004795	.004338	0,026598
š	.002169	.006507	.008105	,005594	.002854	0.025228
ž	.001027	.004909	.005936	.005251	.002740	0.019863
Ŕ	.000571	.003196	.002854	.001256	.001370	0.009247
ğ	.000913	.002397	.001941	.000799	.001370	0.007420
10	.001142	,002055	.001712	.000913	.000685	0.006507
11	.001484	.003196	.001826	.000799	,000913	0,008219
12	.001826	.002854	,002055	.000457	,003881	0.011073
13	.001027	.003311	.001826	.000913	.004338	0.011416
14	.001027	.003653	.001484	.000114	.002740	0,009018
15	.001826	.006735	.001142	.000228	.000000	0.009932
16	.001826	.007763	,001941	.000342	,000114	0.011986
17	.002283	.013128	,002968	.000342	,000457	0.019178
18	.000228	.001142	,000228	.000228	.000000	0.001826
19	.002854	.008676	.005594	.001484	.003311	0.021918
20	.001598	.006050	.006164	.003425	.013128	0.030365
žĭ	.000685	.005023	.005479	.005023	.022945	0.039155
22	.001712	.003881	.004795	.004566	.019635	0.034589
23	.001142	.003767	.003653	.003196	.009361	0.021119
24	.002055	.004110	.004224	.002055	.005708	0.018151
Ž5	.001142	,003082	.003539	,002397	.004338	0.014498
26	.001826	.003881	.003767	.002511	.003653	0.015639
26 27	.004224	.003767	.003082	.003082	.005365	0.019521

TOTAL	0.095890	0.218493	0.142466	0.093607	0.448973	
28 29 30 31 32 33 34 35 36	.001598 .003196 .003995 .005594 .004452 .005936 .004795 .004338	.003196 .003539 .004338 .004110 .006849 .007877 .010046 .008790	.002968 .003311 .002740 .002854 .003311 .002968 .004680 .005137	.003082 .004909 .004795 .003311 .004452 .002626 .001484 .002169	.010502 .028995 .071918 .109475 .079224 .015525 .004909 .002055 .001027	0.021347 0.043950 0.087785 0.125342 0.098288 0.034932 0.025913 0.022489

PERCENTAGE OF CALMS = 0.057078

PERCENTAGE OF MISSING = 0.000000

* NOTE - DIRECTION FROM WHICH THE WIND IS BLOWING 1 INPUT SUMMARY

STATION NUMBER YEAR NUMBER OF RECORDS 98765 91 8760 STATION NUMBER: 98765 Soledad Mountain Onsite Met

WINDROSE

Direction	Frequency	Mean wind speed
N	5,92	2.7
NNE	6.27	3.5
NE	5.14	3.6
ENE	1.78	3.6
E	1.75	3.0
ESE	2.63	4.7
SE	2.26	2.2
SSE	2.24	2,2
S	8.54	4.1
SSW	7.29	5.2
SW	3.74	4.1
WSW	3.94	3.6
W	8.41	5.8
WNW	27,50	7.7
NW	7.23	4.3
NNW	5.31	2.6
Total	99.94	

Average wind speed: 5.0 m/s

Percent calms: 0.06

TABLE 2
Golden Queen Mining

PM1	0 emissions	@Ore Production, MMTPY	3.600		Blasting Sq Ft.	14161		
	Area	Source	g/s hr	g/s/m2	g/s yr	g/s/m2	lb/hr	lb/yr
1	1 25600	DRILLING_PIT1	4.958E-04	1.937E-08	4 120E-04	1.609E-08	0.00	28,64
- 1	2 40000	DRILLING_PIT2	7.748E-04	1_937E-08		1.609E-08	0.01	44.75
	8	DRILLING_PIT3	2.373E-03	1.937E-08		1.609E-08	0_02	137,05
		DRILLING_PIT4	2,373E-03	1,937E-08	**	1.609E-08	0.02	137,05
		DRILLING_PIT5	2,373E-03	1,937E-08		1.609E-08	0.02	137.05
		DRILLING_PIT6	7,748E-04	1.937E-08		1.609E-08	0.01	44.75 44.75
		DRILLING_PIT7	7.748E-04	1,937E-08		1,609E-08 1,609E-08	0.01 0.01	44.75
		DRILLING_PIT8	7.748E-04 1.090E-02	1,937E-08 1,937E-08		1.609E-08	0.09	629 31
		DRILLING_PIT9 DRILLING_PIT10	4,279E-03	1,937E-08		1.609E-08	0.03	247.14
1		DRILLING_PIT11	7,748E-04	1.937E-08		1.609E-08	0.01	44.75
13		BLASTING_PIT1	5.519E+01	5.519E+01		2.204E-01	438.00	15326.52
13		BLASTING_PIT2	5.519E+01	5.519E+01		8,233E-01	438.00	57240,83
1.		BLASTING_PIT3	5.519E+01	5.519E+01		4.117E-01	438.00	28620.41
1		BLASTING_PIT4	5.519E+01	5.519E+01	2,688E-01	2,688E-01	438,00	18690,88
1		BLASTING_PIT5	5,519E+01	5,519E+01	2.025E+00	2:025E+00	438.00	140765.71
1		BLASTING_PIT6	5.519E+01	5.519E+01	7,423E-01	7,423E-01	438.00	51610.20
1		BLASTING_PIT7	5,519E+01	5.519E+01		1.344E-01	438.00	9345.44
1	9 25600	TRKLOAD_PIT1	1,187E-03	4,636E-08		3.704E-08	0.01	65.93
2	40000	TRKLOAD_PIT2	1,854E-03	4,636E-08		3.704E-08	0.01	103.01
2	1 122500	TRKLOAD_PIT3	5 679E-03	4,636E-08		3.704E-08	0.05	315.48
2		TRKLOAD_PIT4	5.679E-03	4,636E-08		3.704E-08	0.05	315.48
2		TRKLOAD_PIT5	5.679E-03	4,636E-08		3,704E-08	0.05	315,48
2		TRKLOAD_PIT6	1,854E-03	4.636E-08		3.704E-08	0.01	103.01 103.01
2		TRKLOAD_PIT7	1,854E-03	4.636E-08		3.704E-08 3.704E-08	0.01 0.01	103.01
2	3	TRKLOAD_PIT8	1.854E-03 2,608E-02	4.636E-08 4.636E-08		3.704E-08	0.21	1448.65
2		TRKLOAD_PIT9 TRKLOAD_PIT10	1.024E-02	4.636E-08		3.704E-08	0.08	568.90
2		TRKLOAD_PIT11	1.854E-03	4,636E-08		3.704E-08	0.01	103.01
3		HAULO_1	5.443E-03	2.126E-07		1,418E-07	0.04	252.30
3		HAULO_2	8.505E-03	2.126E-07		1.418E-07	0.07	394,22
3		HAULO_3	2,605E-02	2.126E-07	1.737E-02	1.418E-07	0,21	1207.29
3		HAULO_4	2,605E-02	2.126E-07	1,737E-02	1.418E-07	0.21	1207.29
3	4 122500	HAULO_5	2,605E-02	2.126E-07	1_737E-02	1.418E-07	0.21	1207.29
3	5 40000	HAULO_6	8.505E-03	2.126E-07	5 670E-03	1.418E-07	0.07	394.22
3	6 40000	HAULO_7	8.505E-03	2.126E-07		1.418E-07	0.07	394 22
3		HAULO_8	8.505E-03	2.126E-07		1.418E-07	0.07	394.22
3		HAULO_9	1,196E-01	2.126E-07		1.418E-07	0.95	5543 68
3		HAULO_10	4.697E-02	2.126E-07		1.418E-07 1.418E-07	0.37 0.07	2177.06 394.22
4		HAULO_11	8,505E-03 1,450E-02	2.126E-07 4.794E-06		3.942E-06	0.12	829 00
4		TRKUNLOAD_ORE BAGHOUSE_1	7.456E-03	7.456E-03		7.456E-03	0.06	518.40
4		CONVEYING	1.553E-02	1.553E-02		1.009E-02	0.12	701.63
4		TRU-WST_1	1.778E-02	3,628E-08		2.874E-08	0.14	979.23
4		TRU-WST_2	3.265E-03	3.628E-08		2.874E-08	0.03	179.86
4		TRU-WST_3	3.265E-03	3.628E-08		2.874E-08	0.03	179,86
4		TRU-WST_4	7.024E-03	3,628E-08	5,565E-03	2.874E-08	0.06	386.90
4		TRU-WST_5	1.179E-02	3.628E-08	9.339E-03	2.874E-08	0.09	649,29
4	9 170569	TRU-WST_6	6.189E-03	3.628E-08	4 903E-03	2,874E-08	0.05	340.87
5	490000	DOZING_WASTE_DUMP1	3.420E-02	6.979E-08	3.839E-03	7.834E-09	0.27	266,87
5	1 90000	DOZING_WASTE_DUMP2	6,281E-03	6.979E-08		7.834E-09	0.05	49.02
5	2 90000	DOZING_WASTE_DUMP3	6,281E-03	6,979E-08		7.834E-09	0.05	49.02
		DOZING_WASTE_DUMP4	1.351E-02	6.979E-08		7.834E-09	0:11	105.44
5		DOZING_WASTE_DUMP5	2.267E-02	6.979E-08		7.834E-09	0.18	176,95
5		DOZING_WASTE_DUMP6	1,190E-02	6,979E-08		7.834E-09	0,09	92.90
5		WIND_EROSION1	1.195E-01	2.438E-07		7.620E-08	0.95	2595.89 476.80
5		WIND_EROSION2	2.194E-02	2.438E-07		7.620E-08 7.620E-08	0.17 0.17	476.80
		WIND_EROSION3	2.194E-02 4.721E-02	2.438E-07		7.620E-08	0.17	1025.64
		WIND_EROSION4	7.922E-02	2.438E-07 2.438E-07		7.620E-08	0.63	1721.24
6		WIND_EROSION5 WIND_EROSION6	4.159E-02	2.438E-07		7,620E-08	0.33	903.63
		ORE_PAD1	0.000E+00			0.000E+00	0.00	0.00
		ORE_PAD2	0.000E+00	0.000E+00		0.000E+00	0.00	0.00
		ORE_PAD3	0.000E+00	0.000E+00			0.00	0.00
6		MERCURY_RETORT	0.000E+00	0.000E+00			0.00	0.00
		ADSORPTION	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0,00	0.00
6	7 1	FURNACE	0.000E+00	0.000E+00		0.000E+00	0,00	0.00
6	8 1	DIESEL_TANK	0.000E+00	0.000E+00		0.000E+00	0.00	0.00
		TOTAL	387.21		5.08		3073.11	352956.22

f:\clients\goldquen\air\gqisc2.wb2

TABLE 3
Golden Queen Mining

ESTIMATED										
EMISSIONS	All Substances	PM10 I	-raction							
W/O ND & ADA	Acetalde	ehyde	Acrol	ein	Arse	enic	Benz	ene	Berylli	um
CHEMICALS	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr
Drilling	0	0	0	0	1.163E-01	1.804E-05	0	0	1.888E-02	1.088E-05
Baghouses	0	0	0	0	2.261E-02	2.582E-06	0	0	2.665E-02	3.043E-06
Blasting	0	0	0	0	2.430E+01	1.911E-02	0	0	3.928E+00	2.252E-02
Conveyor	0	0	0	0	3.061E-02	5.376E-06	0	0	3.608E-02	6.336E-06
Truck Load	0	0	0	0	2.677E-01	4.317E-05	0	0	4.347E-02	2.604E-05
Truck Unload-Ore	0	0	0	0	3.616E-02	5.021E-06	0	0	4.262E-02	5.918E-06
Haulage	0	0	0	0	1.157E+00	1.980E-04	0	0	4.239E-03	7.259E-07
Truck Unload-Waste	0	0	0	0	2.315E-01	3.336E-05	0	0	8.488E-04	1.223E-07
Dozing - Waste	0	0	0	0	6.310E-02	6.417E-05	0	0	2.313E-04	2.352E-07
Wind Erosion	0	0	0	0	6.138E-01	2.242E-04	0	0	2.250E-03	8.219E-07
Ore Heap	0	0	0	0	0	0	0	0	0	0
Mecury Retort	0	0	0	0	0	0	0	0	0	0
Adsorption	0	0	0	0	0	0	0	0	0	0
Furnace	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0	0	0.000E+00	0.000E+00	0	0
Diesel Tank	0	0	0	0	0	0	0.000E+00	0.000E+00	0	0
TOTALS	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.684E+01	1.970E-02	0.000E+00	0.000E+00	4.103E+00	2.257E-02

Golden Queen Mining

ESTIMATED

EMISSIONS										
W/O ND & ADA	Cadm	ium	Chromium VI		Copper		Formaldehyde		HÇ	N
CHEMICALS	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	= lb/hr	lb/yr	lb/hr
Drilling	4.178E-03	6.507E-07	7.700E-04	1.058E-07	0.000E+00	0.000E+00	0	0	0	0
Baghouses	7.906E-04	9.025E-08	2.592E-04	2.959E-08	0.000E+00	0.000E+00	0	0	0	0
Blasting	8.728E-01	6.680E-04	1.608E-01	2.190E-04	0.000E+00	0.000E+00	0	0	0	0
Conveyor	1.070E-03	1.879E-07	3.508E-04	6.162E-08	0.000E+00	0.000E+00	0	0	0	0
Truck Load	9.616E-03	1.557E-06	1.772E-03	2.532E-07	0.000E+00	0.000E+00	0	0	0	0
Truck Unload-Ore	1.264E-03	1.755E-07	4.145E-04	5.755E-08	0.000E+00	0.000E+00	0	0	0	0
Haulage	4.172E-02	7.143E-06	6.783E-03	1.161E-06	0.000E+00	0.000E+00	0	0	0	0
Truck Unload-Waste	8.352E-03	1.203E-06	1.358E-03	1.957E-07	0.000E+00	0.000E+00	0	0	0	0
Dozing - Waste	2.276E-03	2.315E-06	3.701E-04	3.764E-07	0.000E+00	0.000E+00	0	0	0	0
Wind Erosion	2.214E-02	8.087E-06	3.600E-03	1.315E-06	0.000E+00	0.000E+00	0	0	0	0
Ore Heap	0	0	0	0	0	0	0	0	2.173E+04	2.481E+00
Mecury Retort	0	0	0	0	0	0	0	0	0.000E+00	0.000E+00
Adsorption	0	0	0	0	0	0	0	0	1.284E+02	9.000E-03
Furnace	4.249E-02	1.164E-04	4.024E-04	1.103E-06	0	0	0.000E+00	0.000E+00	0	0
Diesel Tank	0	0	0	0	0	0	0	0	0	0
TOTALS	1.007E+00	8.058E-04	1.769E-01	2.237E-04	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.186E+04	2.490E+00

Golden Queen Mining

ESTIMATED EMISSIONS W/O ND & ADA

CHEMICALS
Drilling
Baghouses
Blasting
Conveyor
Truck Load
ruck Unload-Or

Truck Unload-Ore
Haulage

Truck Unload-Waste Dozing - Waste Wind Erosion

> Mecury Retort Adsorption Furnace

Ore Heap

Diesel Tank
TOTALS

	Lea	d	Manga	nese	Merc	ury	Nicl	kel	Naphtha	alene
	lb/yr	lb/hr								
	2.607E-02	6.292E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.621E-03	5.502E-07	0	0
	1.541E-02	1.760E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.348E-03	1.539E-07	0	0
	5.440E+00	1.302E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.560E-01	1.139E-03	0	0
	2.086E-02	3.664E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.824E-03	3.204E-07	0	0
	6.002E-02	1.506E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.334E-03	1.317E-06	0	C
	2.465E-02	3.422E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.155E-03	2.993E-07	0	C
	1.767E-01	3.026E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.086E-02	5.285E-06	0	C
te T	3.538E-02	5.097E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.179E-03	8.903E-07	0	(
	9.641E-03	9.805E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.684E-03	1.713E-06	0	(
T	9.378E-02	3.426E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.638E-02	5.983E-06	0	(
Ī	0	0	0	0	0	0	0	0	0	(
Ī	0	0	0	0	0.000E+00	0.000E+00	0	0	0	(
	0	0	0	0	0	0	0	0	0	(
	0	0	0	0	0.000E+00	0.000E+00	0	0	0.000E+00	0.000E+00
	0	0	0	0	0	0	0	0	0	(
-	5.903E+00	1,313E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.284E-01	1.155E-03	0.000E+00	0.000E+00

f:\clients\goldquen\air\gqisc2.wb2

TABLE 3 (continued) Golden Queen Mining

ESTIMATED EMISSIONS

EMISSIONS										
W/O ND & ADA	PAH	ls	Propyl	ene	Seler	nium	Tolue	ene	Xylen	es
CHEMICALS	lb/yr	lb/hr								
Drilling	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Baghouses	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Blasting	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Conveyor	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Truck Load	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Truck Unload-Ore	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Haulage	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Truck Unload-Waste	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Dozing - Waste	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Wind Erosion	0	0	0	0	0.000E+00	0.000E+00	0	0	0	0
Ore Heap	0	0	0	0	0	0	0	0	0	0
Mecury Retort	0	0	0	0	0	0	0	0	0	0
Adsorption	0	0	0	0	0	0	0	0	0	0
Furnace	0.000E+00									
Diesel Tank	0	0	0	0	0	0	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	0.000E+00									

f:\clients\goldquen\air\gqisc2.wb2

Golden Queen Mining

ESTIMATED
EMISSIONS
W/O ND & ADA

CHEMICALS Drilling Baghouses Blasting Conveyor Truck Load Truck Unload-Ore Haulage Truck Unload-Waste Dozing - Waste Wind Erosion Ore Heap Mecury Retort Adsorption Furnace

> Diesel Tank **TOTALS**

Î	Zir	nc	PM	10
	lb/yr	lb/hr	lb/yr	lb/hr
	0.000E+00	0.000E+00	1.540E+03	2.116E-01
j	0.000E+00	0.000E+00	5.184E+02	5.918E-02
	0.000E+00	0.000E+00	3.216E+05	4.380E+02
	0.000E+00	0.000E+00	7.016E+02	1.232E-01
	0.000E+00	0.000E+00	3.545E+03	5.064E-01
	0.000E+00	0.000E+00	8.290E+02	1.151E-01
	0.000E+00	0.000E+00	1.357E+04	2.323E+00
	0.000E+00	0.000E+00	2.716E+03	3.913E-01
	0.000E+00	0.000E+00	7.402E+02	7.528E-01
	0.000E+00	0.000E+00	7.200E+03	2.630E+00
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0.000E+00	0.000E+00	352956	445

TABLE 4
Golden Queen Mining

ESTIMATED										
EMISSIONS	All Substances	TSP F	raction							
W/O ND & ADA	Acetalde	ehyde	Acrole	ein	Arse	nic	Benze	ene	Berylli	um
CHEMICALS	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr
Drilling	0	0	0	0	1.163E-01	1.443E-04	0	0	1.888E-02	8.704E-05
Baghouses	0	0	0	0	5.999E-02	6.848E-06	0	0	7.071E-02	8.072E-06
Blasting	0	0	0	0	4.673E+01	3.677E-02	0	0	7.557E+00	4.334E-02
Conveyor	0	0	0	0	7.652E-02	1.344E-05	0	0	9.019E-02	1.584E-05
Truck Load	0	0	0	0	5.660E-01	9.128E-05	0	0	9.188E-02	5.506E-05
Truck Unload-Ore	0	0	0	0	7.643E-02	1.062E-05	0	0	9.008E-02	1.251E-05
Haulage	0	0	0	0	2.570E+00	4.401E-04	0	0	9.421E-03	1.613E-06
Truck Unload-Waste	0	0	0	0	4.896E-01	7.054E-05	0	0	1.795E-03	2.586E-07
Dozing - Waste	0	0	0	0	3.303E-01	3.359E-04	0	0	1.211E-03	1.231E-06
Wind Erosion	0	0	0	0	1.228E+00	4.484E-04	0	0	4.500E-03	1.644E-06
Ore Heap	0	0	0	0	0	0	0	0	0	C
Mecury Retort	0	0	0	0	0	0	0	0	0	0
Adsorption	0	0	0	0	0	0	0	0	0	C
Furnace	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0	0	0.000E+00	0.000E+00	0	(
Diesel Tank	0	0	0	0	0	0	0.000E+00	0.000E+00	0	0
TOTALS	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.224E+01	3.834E-02	0.000E+00	0.000E+00	7.936E+00	4.353E-02

Golden Queen Mining

ESTIMATED

EMISSIONS W/O ND & ADA **CHEMICALS** Drilling Baghouses Blasting Conveyor Truck Load Truck Unload-Ore Haulage Truck Unload-Waste Dozing - Waste Wind Erosion Ore Heap Mecury Retort Adsorption Furnace Diesel Tank **TOTALS**

Cadn	nium	Chromi	ium VI	Cop	per	Formald	ehyde	HÇI	N
lb/yr	lb/hr								
4.178E-03	5.205E-06	7.700E-04	8.464E-07	0.000E+00	0.000E+00	0	0	0	0
2.097E-03	2.394E-07	6.876E-04	7.849E-08	0.000E+00	0.000E+00	0	0	0	0
1.679E+00	1.286E-03	3.093E-01	4.215E-04	0.000E+00	0.000E+00	0	0	0	0
2.675E-03	4.698E-07	8.770E-04	1.540E-07	0.000E+00	0.000E+00	0	0	0	0
2.033E-02	3.293E-06	3.748E-03	5.354E-07	0.000E+00	0.000E+00	0	0	0	0
2.672E-03	3.711E-07	8.760E-04	1.217E-07	0.000E+00	0.000E+00	0	0	0	0
9.270E-02	1.587E-05	1.507E-02	2.581E-06	0.000E+00	0.000E+00	0	0	0	0
1.766E-02	2.544E-06	2.872E-03	4.137E-07	0.000E+00	0.000E+00	0	0	0	0
1.192E-02	1.212E-05	1.937E-03	1.970E-06	0.000E+00	0.000E+00	0	0	0	0
4.428E-02	1.617E-05	7.200E-03	2.630E-06	0.000E+00	0.000E+00	0	0	0	0
0	0	0	0	0	0	0	0	2.173E+04	2.481E+00
0	0	0	0	0	0	0	0	0.000E+00	0.000E+00
0	0	0	0	0	0	0	0	1.284E+02	9.000E-03
4.249E-02	1.164E-04	4.024E-04	1.103E-06	0	0	0.000E+00	0.000E+00	0	0
0	0	0	0	0	0	0	0	0	0
1.920E+00	1.458E-03	3.437E-01	4.319E-04	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.186E+04	2.490E+00

Golden Queen Mining

ESTIMATED

EMISSIONS
W/O ND & ADA
CHEMICALS
Drilling
Baghouses
Blasting
Conveyor
Truck Load
Truck Unload-Ore
Haulage
Truck Unload-Waste
Dozing - Waste
Wind Erosion
Ore Heap
Mecury Retort
Adsorption
Furnace
Diesel Tank
TOTALS

Lea	ad	Manganese		Merc	cury	Nicl	kel	Naphthalene	
lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr	lb/yr	lb/hr
2.607E-02	5.033E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.621E-03	4.401E-06	0	0
4.089E-02	4.668E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.576E-03	4.082E-07	0	0
1.046E+01	2.507E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.454E+00	2.192E-03	0	0
5.215E-02	9.160E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.561E-03	8.010E-07	0	0
1.269E-01	3.184E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.762E-02	2.784E-06	0	0
5.209E-02	7.236E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.555E-03	6.327E-07	0	0
3.927E-01	6.723E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.858E-02	1.174E-05	0	0
7.480E-02	1.078E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.307E-02	1.882E-06	0	0
5.047E-02	5.133E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.815E-03	8.965E-06	0	0
1.876E-01	6.851E-05	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.276E-02	1.197E-05	0	0
0	0	0	0	0	0	0	0	0	C
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C
0	0	0	0	0	0	0	0	0	C
0	0	0	0	0.000E+00	0.000E+00	0	0	0.000E+00	0.000E+00
0	0	0	0	0	0	0	0	0	C
1.147E+01	2.537E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.611E+00	2.235E-03	0.000E+00	0.000E+00

TABLE 4 (continued) Golden Queen Mining

ESTIMATED EMISSIONS

W/O ND & ADA **CHEMICALS** Drilling Baghouses Blasting Conveyor Truck Load Truck Unload-Ore Haulage Truck Unload-Waste Dozing - Waste Wind Erosion Ore Heap Mecury Retort Adsorption Furnace

Diesel Tank
TOTALS

PA	ds l	Propylene		Seler	ium	Tolue	ene	Xylenes		
lb/yr	lb/hr									
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0	C	
0	0	0	0	0.000E+00	0.000E+00	0	0	0		
0	0	0	0	0.000E+00	0.000E+00	0	0	0	(
0	0	0	0	0.000E+00	0.000E+00	0	0	0	(
0	0	0	0	0	0	0	0	0	(
0	0	0	0	0	0	0	0	0	(
0	0	0	0	0	0	0	0	0	(
0.000E+00										
0	0	0	0	0	0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00										

f:\clients\goldquen\air\gqisc2.wb2

Golden Queen Mining

ESTIMATED
EMISSIONS
W/O ND & ADA
CHEMICALS
Drilling

Drilling
Baghouses
Blasting
Conveyor
Truck Load
Truck Unload-Ore
Haulage

Truck Unload-Waste
Dozing - Waste
Wind Erosion
Ore Heap
Mecury Retort
Adsorption

Furnace Diesel Tank TOTALS

ſ	Zir	nc	TŞP				
	lb/yr	lb/hr	lb/yr	lb/hr			
	0.000E+00	0.000E+00	1.540E+03	1.693E+00			
	0.000E+00	0.000E+00	1.375E+03	1.570E-01			
	0.000E+00	0.000E+00	6.185E+05	8.430E+02			
	0.000E+00	0.000E+00	1.754E+03	3.081E-01			
	0.000E+00	0.000E+00	7.495E+03	1.071E+00			
	0.000E+00	0.000E+00	1.752E+03	2.434E-01			
	0.000E+00	0.000E+00	3.015E+04	5.162E+00			
, [0.000E+00	0.000E+00	5.743E+03	8.274E-01			
	0.000E+00	0.000E+00	3.875E+03	3.941E+00			
	0.000E+00	0.000E+00	1.440E+04	5.260E+00			
	0	0	0	0			
ĺ	0	0	0	0			
[0	0	0	0			
	0	0	0				
1	0	0	0				
()3	0.000E+00	0.000E+00	686580	862			

Table 5

Day	P1	P2	Average	% Diff
29-Sep-90	11.6	10.8	11.2	6.90%
02-Oct-90	31.1	27.7	29.4	10.93%
05-Oct-90	35.3	33.9	34.6	3.97%
08-Oct-90	12	9.9	11.0	17.50%
11-Oct-90	29.5	27.2	28.4	7.80%
14-Oct-90	29	26.4	27.7	8.97%
17-Oct-90	25.9	24.1	25.0	6.95%
20-Oct-90	14.9	13	14.0	12.75%
23-Oct-90	17.9	16	17.0	10.61%
26-Oct-90	25.4	23.1	24.3	9.06%
29-Oct-90	22.4	20.4	21.4	8.93%
01-Nov-90	26.4	23.1	24.8	12.50%
04-Nov-90	9.7	9	9.4	7.22%
07-Nov-90	19.7	18.4	19.1	6.60%
10-Nov-90	6	5.4	5.7	10.00%
13-Nov-90	15.1	13.7	14.4	9.27%
16-Nov-90	19.1	17.7	18.4	7.33%
19-Nov-90	26.8	23.8	25.3	11.19%
22-Nov-90	12.1	10.9	11.5	9.92%
25-Nov-90	26.8	24.7	25.8	7.84%
28-Nov-90	11.8	10.4	11.1	11.86%
01-Dec-90	18.6	16.9	17.8	9.14%
04-Dec-90	6.6	5.7	6.2	13.64%
07-Dec-90	8.4	8.1	8.3	3.57%
10-Dec-90	16.2	15.6	15.9	3.70%
13-Dec-90	16.4	14.3	15.4	12.80%
16-Dec-90	6.2	5.1	5.7	17.74%
19- Dec-90	32.8	31.1	32.0	5.18%
22-Dec-90	8	7.5	7.8	6.25%
25-Dec-90	5.1	4.2	4.7	17.65%
28-Dec-90				
31-Dec-90	11.1	10.1	10.6	9.01%
03-Jan-91	4.9	5	5.0	2.00%
06-Jan-91	9.8	8.3	9.1	15.31%
09-Jan-91	8.6	7.9	8.3	8.14%
12-Jan-91	10.4	8.5	9.5	18.27%
15-Jan-91	22.6	21.4	22.0	5.31%
18-Jan-91	7.5	7.1	7.3	5.33%
21-Jan-91	4.7	4.9	4.8	4.08%
24-Jan-91	16.1	15.4	15.8	4.35%
27-Jan-91	33	33	33.0	0.00%
30-Jan-91	38.3	35.6	37.0	7.05%
02-Feb-91	12.8	12.8	12.8	0.00%
05-Feb-91	12.8	12.2		4.69%
08-Feb-91	12.2	11.5	11.9	5.74%
11-Feb-91	14.7	13.7		6.80%
14-Feb-91	7.5	7.3	7.4	2.67%

Table 5

Day	P1	P2	Average	% Diff
17-Feb-91	30.6	29.3	30.0	4.25%
20-Feb-91	11.8	13.1	12.5	9.92%
23-Feb-91	24.4	22.2	23.3	9.02%
26-Feb-91	18.6	17.7	18.2	4.84%
01-Mar-91	6.3	4.6	5.5	26.98%
04-Mar-91	7.5	6.8	7.2	9.33%
07-Mar-91	9.5	9.4	9.5	1.05%
10-Mar-91	45.8	46.8	46.3	2.14%
13-Mar-91	7.8	8.3	8.1	6.02%
16-Mar-91	11.5	12.9	12.2	10.85%
19-Mar-91		10.9		
22-Mar-91	9.7	8.8	9.3	9.28%
25-Mar-91	3.6	6.1	4.9	40.98%
28-Mar-91	9	8.6	8.8	4.44%
31-Mar-91	15.9	15.2	15.6	4.40%
03-Apr-91	19.5	18.3	18.9	6.15%
06-Apr-91	26.2	25.3	25.8	3.44%
09-Apr-91	25.5	24.6	25.1	3.53%
12-Apr-91	25.4	24	24.7	5.51%
15-Apr-91	25.4	25.2	25.3	0.79%
18-Apr-91	25.3	24.7	25.0	2.37%
21-Apr-91	10.2	9.5	9.9	6.86%
24-Apr-91	20.3	19.1	19.7	5.91%
27-Apr-91	21.5	20.6	21.1	4.19%
30-Apr-91	44.7	41.7	43.2	6.71%
03-May-91	19.6	18.9	19.3	3.57%
06-May-91				
09-May-91	30.1	27.1	28.6	9.97%
12-May-91	22.4	20.1	21.3	10.27%
15-May-91	19.3	18.3	18.8	5.18%
18-May-91	16.4	15.2	15.8	7.32%
21-May-91	20.5	19.9	20.2	2.93%
24-May-91	30.2	27.2	28.7	9.93%
27-May-91	24.8	23.2	24.0	6.45%
30-May-91	53	48.9	51.0	7.74%
02-Jun-91	41	37	39.0	9.76%
05-Jun-91	39	33.9	36.5	13.08%
08-Jun-91	37.8	35.2	36.5	6.88%
11-Jun-91	34.4	32	33.2	6.98%
14-Jun-91	48.3	43.1	45.7	10.77%
17-Jun-91	27.1	26.1	26.6	3.69%
20-Jun-91	30.6	29.4	30.0	3.92%
23-Jun-91	33.9	20.1	27.0	40.71%
26-Jun-91	27.8	28.4	28.1	2.11%
29-Jun-91	15.7	15.7	15.7	0.00%
02 - Jul-91	31.1	53.9	42.5	42.30%
05-Jul-91	32.2	29.9	31.1	7.14%

Table 5

Day	P1	P2	Average	% Diff
08-Jul-91	20.9	20.4	20.7	2.39%
11-Jul-91	26.5	26.7	26.6	0.75%
14-Jul-91	25.8	26.3	26.1	1.90%
17-Jul-91	25.4	25.4	25.4	0.00%
20-Jul-91	25.8	26.5	26.2	2.64%
23-Jul-91	30	28.4	29.2	5.33%
26-Jul-91	27.2	31.4	29.3	13.38%
29-Jul-91	29.9	30.7	30.3	2.61%
01-Aug-91	43.2	30.9	37.1	28.47%
04-Aug-91	26.3	28.7	27.5	8.36%
07-Aug-91	27.2	27.6	27.4	1.45%
10-Aug-91	30.6	29.8	30.2	2.61%
13-Aug-91	19.8	19.7	19.8	0.51%
16-Aug-91	26.4	19.8	23.1	25.00%
19-Aug-91	21.2	19.8	20.5	6.60%
22-Aug-91	30.5	28.2	29.4	7.54%
25-Aug-91	30.2	28.5	29.4	5.63%
28-Aug-91	28	27.2	27.6	2.86%
31-Aug-91	30.2	29	29.6	3.97%
03-Sep-91	32.3	32.9	32.6	1.82%
06-Sep-91	26.2	27.9	27.1	6.09%
09-Sep-91	40.9	44.6	42.8	8.30%
12-Sep-91	34.1	35.5	34.8	3.94%
15-Sep-91	25.8	29.6	27.7	12.84%
18-Sep-91	29.7	29	29.4	2.36%
Minimum	3.6	4.2	4.7	0.00%
Maximum	53.0	53.9	51.0	42.30%
Arithmetic Mean	22.2	21.1	21.7	
Geometric Mean	19.2	17.8	18.8	

TABLE 6
Golden Queen Mining

					G	olaen Qi	иееп	Mining				
								2010000	0.0000000000000000000000000000000000000	Mother's	_	Prorated
Rece	eptor	X	Y	Inhale	Dermal		Water		Animal	Milk	Sum	15/70
	1	389400	3868050	7.461E-08	3.891E-09	1.818E-07	0	7.497E-08	0	0	3.353E-07	7.185E-08
	2	392550	3868000	7.578E-08	3.860E-09	1.802E-07	0	7.465E-08		0	3.345E-07	7.168E-08
	3	392600	3868000	7,536E-08	3.836E-09	1.791E-07	0	7.420E-08		0	3.325E-07	7.125E-08
	4	390250	3868800	1.224E-07	6,300E-09	2.942E-07	0	1.216E-07		0	5.445E-07	1.167E-07
	-5	390300	3868750	1.217E-07	6.257E-09	2.922E-07	0	1.208E-07		0	5.410E-07	1.159E-07
	6	390300	3868500	1.100E-07	5.656E-09	2.641E-07	0	1.092E-07		0	4,890E-07	1.048E-07
	7	393500	3868200	8.559E-08	4.403E-09	2.056E-07	0	8.503E-08		0	3.806E-07	8.156E-08
	8	393750	3868300	8.912E-08	4.592E-09	2.145E-07	0	8.863E-08		0	3.968E-07	8.503E-08
	9	393800	3868450	9,301E-08	4.794E-09	2.239E-07	0	9.253E-08		0	4.142E-07	8.876E-08
	10	389750	3870450	1.511E-07	7,907E-09	3.694E-07	0	1.523E-07		0	6.807E-07	1.459E-07
	11	395050	3870600	4.368E-08	2.238E-09	1.045E-07	0	4.324E-08		0	1.937E-07	4.151E-08
	12	392200	3872600	1.816E-07	9.276E-09	4.331E-07	0	1.792E-07		0	8.032E-07	1.721E-07
	13	390800	3873450	1.326E-07	7.079E-09	3.308E-07	0	1.360E-07		0	6.065E-07	1.300E-07
	14	390750	3873400	1.348E-07	7.227E-09	3.377E-07	0	1.388E-07		0	6.185E-07	1.325E-07
	15	390700	3873400	1.352E-07	7.282E-09	3.404E-07	0	1.398E-07		0	6.227E-07	1.334E-07
	16	390650	3873200	1.538E-07	8.380E-09	3.917E-07	0	1,608E-07		0	7.147E-07	1.532E-07
	17	393500	3873700	5.136E-08	2.642E-09	1.234E-07	0	5.099E-08		0	2.284E-07	4.894E-08
	18	392450	3873750	8,579E-08	4.448E-09	2.078E-07	0	8.576E-08		0	3.838E-07	8.224E-08
	19	391950	3873950	9.384E-08	4.894E-09	2.286E-07	0	9.427E-08		0	4.216E-07	9.034E-08
	20	391900	3873400	1.226E-07	6.374E-09	2.977E-07	0	1.228E-07		0	5.495E-07	1.178E-07
	21	388603	3870477	7.160E-08	3.795E-09	1.774E-07	0	7.288E-08		0	3.257E-07	6.979E-08
	22	388600	3870680	6.905E-08	3.674E-09	1.717E-07	0	7,053E-08		0	3.150E-07	6.750E-08
	23	388598	3870883	6.591E-08	3.515E-09	1,643E-07	0	6.747E-08		0	3.012E-07	6.454E-08
	24	388595	3871086	6.236E-08	3,323E-09	1.553E-07	0	6.378E-08		0	2.848E-07	6.103E-08 5.715E-08
	25	388593	3871290	5.833E-08	3.114E-09	1.455E-07	0	5.975E-08		0	2.667E-07	6.534E-08
	26	388814	3871288	6.678E-08	3.558E-09	1.663E-07	0	6.830E-08		0	3.049E-07 2.886E-07	6.184E-08
	27	388814	3871483	6.289E-08	3.372E-09	1.576E-07	0	6.469E-08		0	2.632E-07	5.640E-08
	28	388815	3871678	5.703E-08	3.081 E-09	1.440E-07	0	5.907E-08		0	2.876E-07	6.163E-08
	29	388916	3871676	6.225E-08	3.368E-09	1.574E-07	0	6.457E-08 6.886E-08		0	3.072E-07	6.583E-08
	30	388916	3871482	6.707E-08	3.588E-09	1.677E-07	0			0	3.302E-07	7.076E-08
	31	388916	3871288	7.228E-08	3.852E-09	1.801E-07	0	7.395E-08 8.058E-08		Ö	3.597E-07	7.708E-08
	32	389019	3871287	7.869E-08	4.198E-09	1.962E-07	0	7.489E-08		o	3.342E-07	7.161E-08
	33	389020	3871481	7.303E-08	3.902E-09 3.569E-09	1.824E-07 1.668E-07	0	6.844E-08		0	3.048E-07	6.531E-08
	34	389021	3871676	6.599E-08	4.457E-09	2.083E-07	0	8.552E-08		0	3.811E-07	8,166E-08
	35 36	389264 389507	3871674 3871672	8,287E-08 1,028E-07	5.488E-09	2.565E-07	0	1.054E-07		Ö	4.702E-07	1.008E-07
	37	389750	3871670	1.505E-07	8.011E-09	3.743E-07	ő	1.540E-07		ő	6.868E-07	1.472E-07
	38	389759	3871788	1,456E-07	7.753E-09	3.623E-07	ŏ	1,490E-07	13.122	ō	6.647E-07	1.424E-07
	39	389778	3871908	1.407E-07	7.597E-09	3,550E-07	ő	1.458E-07		ŏ	6.491E-07	1.391E-07
	40	389826	3872073	1.484E-07	7.882E-09	3.683E-07	ő	1.514E-07		0	6.760E-07	1.449E-07
	41	389928	3872271	1.747E-07	9.257E-09	4.326E-07	ő	1.778E-07		ő	7,944E-07	1.702E-07
	42	390027	3872472	1.497E-07	7.948E-09	3.714E-07	ō	1.527E-07		ő	6.817E-07	1.461E-07
	43	390027	3872474	1.466E-07	7.785E-09	3.638E-07	ő	1.496E-07		Ö	6.678E-07	1.431E-07
	44	389995	3872678	1.098E-07	5.821E-09	2.720E-07	o	1.119E-07		0	4.995E-07	1.070E-07
	45	389991	3872883	9.366E-08	4.952E-09	2.314E-07	ŏ	9.523E-08		Ö	4.252E-07	9.111E-08
	46	390191	3872883	1.474E-07	7.784E-09	3,638E-07	ŏ	1.496E-07		Ō	6.686E-07	1.433E-07
	47	390427	3872889	1.842E-07	9.853E-09	4.605E-07	ŏ	1.893E-07		Ö	8.439E-07	1.808E-07
	48	390663	3872895	1.998E-07	1,110E-08	5.189E-07	ő	2.128E-07		Ö	9.426E-07	2.020E-07
	49	390899	3872902	1.950E-07	1.069E-08	4.996E-07	ŏ	2.051E-07		Ō	9.104E-07	1.951E-07
	50	391135	3872908	1.909E-07	1.003E-08	4.769E-07	ŏ	1.962E-07		Ö	8.742E-07	1.873E-07
	51	391371	3872915	1.877E-07	9.878E-09	4.615E-07	ő	1.902E-07		Ö	8.493E-07	1.820E-07
	52	391607	3872921	1.784E-07	9,268E-09	4.329E-07	ő	1.786E-07		Ö	7.992E-07	1.713E-07
	53	391844	3872928	1,656E-07	8,530E-09	3.984E-07	ő	1.645E-07		0	7.370E-07	1.579E-07
	54	391846	3873175	1.390E-07	7.202E-09	3.364E-07	ő	1.389E-07		Ö	6.215E-07	1.332E-07
	55	391848	3873423	1,208E-07	6.278E-09	2.933E-07	ŏ	1.210E-07		Ö	5.414E-07	1.160E-07
	56	391850	3873671	1,205E-07	5.598E-09	2.615E-07	ŏ	1.078E-07		0	4.824E-07	1.034E-07
	57	391853	3873919	9.663E-08	5.042E-09	2.355E-07	ő	9.711E-08	(.727)	ő	4.343E-07	9.306E-08
	58	391855	3874114	8.808E-08	4,600E-09	2.149E-07	ŏ	8.858E-08		Ö	3.962E-07	8.490E-08
	59	392001	3874114	8.622E-08	4,600E-09 4,496E-09	2.149E-07	o	8.659E-08		0	3.873E-07	8.299E-08
	60	392001	3873919	9.306E-08	4.490E-09	2.166E-07	ő	9,337E-08	2	ő	4.177E-07	8.951E-08
	61	392033	3873918	9.232E-08	4.805E-09	2.244E-07	ő	9.257E-08		ŏ	4.141E-07	8.874E-08
17	62	392033	3873674	1.014E-07	5.263E-09	2.458E-07	ŏ	1.014E-07	20	Ö	4.539E-07	9,726E-08
	63	392046	3873430	1.125E-07	5.842E-09	2.729E-07	ŏ	1.126E-07		ő	5.038E-07	1.080E-07
1000	64	392052	3873186	1.271E-07	6.565E-09	3.066E-07	ő	1.266E-07		ő	5.669E-07	1,215E-07
	65	392059	3872942	1.478E-07	7.590E-09	3.544E-07	ō	1,465E-07		0	6.563E-07	1.406E-07
	-1117		· · -									

					G	olden Qi	ueen	willing				
		.,		V. C. C.	5	0-11	14/-4	Diame	Animal	Mother's	C	Prorated
Rec	eptor	X	Υ	Inhale	Dermal		Water		Animal	Milk	Sum	15/70
	66	391844	3872928	1.667E-07	8.588E-09	4.011E-07	0	1.657E-07	0	0	7.421E-07	1.590E-07
	67	391844	3872735	1.998E-07	1,027E-08	4.794E-07	0	1.981E-07	0	0	8.876E-07 1.110E-06	1.902E-07 2.379E-07
	68	391845	3872543	2.503E-07	1.284E-08	5.995E-07	0	2.476E-07 3.415E-07	0	0	1.532E-06	3.283E-07
	69	391845	3872351	3.454E-07	1.772E-08 2.414E-08	8.275E-07 1.128E-06	0	4.649E-07	0	0	2,085E-06	4.468E-07
	70	391846	3872159	4.683E-07	1.968E-08	9.191E-07	o	3.796E-07	Ö	0	1.703E-06	3.649E-07
	71	392046 392246	3872165 3872172	3.847E-07 2.581E-07	1.322E-08	6.173E-07	o	2.552E-07	o	0	1.144E-06	2.451E-07
	72 73	392446	3872178	2.128E-07	1.083E-08	5.057E-07	o	2.095E-07	ŏ	0	9.388E-07	2.012E-07
	73 74	392647	3872185	1.774E-07	9.061E-09	4.230E-07	ŏ	1.752E-07	ŏ	Ö	7.847E-07	1.682E-07
	7 4 75	392658	3871975	2.268E-07	1.174E-08	5.482E-07	o	2.264E-07	o	0	1.013E-06	2.171E-07
	76	392670	3871765	2.259E-07	1.153E-08	5.384E-07	ŏ	2.230E-07	o	0	9.988E-07	2.140E-07
	77	392682	3871555	2.928E-07	1.490E-08	6.953E-07	ő	2.882E-07	o	ő	1.291E-06	2.766E-07
	78	392694	3871346	2.856E-07	1.458E-08	6.806E-07	ő	2.817E-07	ō	ŏ	1.262E-06	2.704E-07
	79	392887	3871350	2.237E-07	1.149E-08	5.367E-07	0	2.219E-07	0	Ō	9.938E-07	2.130E-07
	80	393080	3871355	1.733E-07	8.919E-09	4.165E-07	0	1.722E-07	0	Ō	7.709E-07	1.652E-07
	81	393273	3871360	1.360E-07	7.010E-09	3.274E-07	0	1.353E-07	0	0	6.057E-07	1.298E-07
	82	393467	3871365	1.072E-07	5.509E-09	2.572E-07	0	1.063E-07	0	0	4.762E-07	1.020E-07
	83	393469	3871135	1.317E-07	6.837E-09	3.193E-07	0	1.318E-07	0	0	5.896E-07	1.263E-07
	84	393472	3870905	1.425E-07	7.411E-09	3.462E-07	0	1.428E-07	0	0	6.389E-07	1.369E-07
	85	393475	3870675	1.282E-07	6.586E-09	3,075E-07	0	1.272E-07	0	0	5.695E-07	1.220E-07
	86	393477	3870446	1.473E-07	7.612E-09	3.555E-07	0	1.468E-07	0	0	6.572E-07	1.408E-07
	87	393480	3870216	1.477E-07	7.635E-09	3.566E-07	0	1.472E-07	0	0	6.591E-07	1.412E-07
	88	393483	3869986	1.763E-07	9.235E-09	4.315E-07	0	1.777E-07	0	0	7.947E-07	1.703E-07
	89	393486	3869757	1.342E-07	6.929E-09	3.236E-07	0	1.337E-07	0	0	5.984E-07	1.282E-07
	90	393252	3869751	1.516E-07	7.826E-09	3.655E-07	0	1.510E-07	0	0	6.759E-07	1.448E-07
	91	393018	3869745	1.940E-07	1.012E-08	4.725E-07	0	1.948E-07	0	0	8.714E-07	1.867E-07
	92	392784	3869739	1.933E-07	9.995E-09	4.668E-07	0	1.928E-07	0	0	8.629E-07	1.849E-07
	93	392550	3869734	1.994E-07	1.025E-08	4.785E-07	0	1.979E-07	0	0	8.860E-07	1.899E-07
	94	392316	3869728	2.071E-07	1.059E-08	4.943E-07	0	2.046E-07	0	0	9.166E-07	1.964E-07
1	95	392082	3869722	2.106E-07	1.071E-08	5.001E-07	0	2.072E-07	0	0	9.286E-07	1.990E-07
	96	391849	3869717	2.170E-07	1.100E-08	5.136E-07	0	2.129E-07	0	0	9.545E-07	2.045E-07
	97	391848	3869910	2.570E-07	1.304E-08	6.085E-07	0	2.521E-07	0	0	1.131E-06	2.424E-07
	98	391847	3870103	3.229E-07	1.644E-08	7.675E-07	0	3.178E-07	0	0	1.425E-06	3.054E-07
	99	391846	3870297	4.079E-07	2.089E-08	9.752E-07	0	4.034E-07	0	0	1.807E-06	3.872E-07
	100	391954	3870290	4.140E-07	2.141E-08	9.999E-07	0	4.129E-07	0	0	1.848E-06	3.960E-07
	101	391958	3870105	3.277E-07	1.679E-08	7.841E-07	0	3.243E-07	0	0	1.453E-06	3.114E-07
	102	391963	3869921	2.556E-07	1.300E-08	6.069E-07	0	2.514E-07	0	0	1.127E-06	2.415E-07
	103	392191	3869926	2.540E-07	1.301E-08	6.074E-07	0	2.512E-07	0	÷ 0	1.126E-06	2.413E-07
	104	392420	3869931	2.356E-07	1.211E-08	5.655E-07	0	2.338E-07	0	0	1.047E-06	2.244E-07 2.093E-07
	105	392427	3869835	2.200E-07	1.129E-08	5.274E-07	0	2.181E-07	0	-	9,768E-07	
	106	392656	3869841	2.177E-07	1.127E-08	5.262E-07 5.258E-07	0	2.173E-07 2.168E-07	0	0	9.725E-07 9.696E-07	2.084E-07 2.078E-07
	107 108	392886 392884	3869847 3870041	2.157E-07 4.179E-07	1,126E-08 2,212E-08	1.034E-06	ő	4.247E-07	o	0	9.090E-07 1.899E-06	4.069E-07
	109	392660	3870038	3.235E-07	1.703E-08	7.958E-07	o	3.275E-07	o	0	1.464E-06	3.137E-07
	110	392437	3870035	2.604E-07	1.705E-00 1.345E-08	6.281E-07	ŏ	2.594E-07	o	0	1.161E-06	2.488E-07
	111	392430	3870206	3.030E-07	1.577E-08	7.364E-07	o	3.038E-07	Ö	0	1.359E-06	2.912E-07
	112	392423	3870377	3.892E-07	2.045E-08	9.552E-07	ō	3.933E-07	ō	Ö	1.758E-06	3.767E-07
	113	392669	3870377	4.656E-07	2.457E-08	1.148E-06	o	4.719E-07	o	ō	2.110E-06	4.521E-07
	114	392667	3870536	8.442E-07	4.483E-08	2.096E-06	o	8.596E-07	0	ō	3.845E-06	8.239E-07
	115	392666	3870695	5.927E-07	3.127E-08	1.462E-06	0	6.004E-07	0	Ō	2.686E-06	5.756E-07
	116	392753	3870699	3.871E-07	2,027E-08	9.472E-07	0	3.898E-07	0	0	1.744E-06	3.737E-07
	117	392748	3870856	5.042E-07	2.650E-08	1.239E-06	0	5.092E-07	0	Ō	2.279E-06	4.884E-07
	118	392579	3870856	8.916E-07	4.716E-08	2.204E-06	0	9.047E-07	0	0	4.047E-06	8.672E-07
	119	392579	3871098	3.806E-07	1.971E-08	9.204E-07	0	3.798E-07	0	0	1.701E-06	3.645E-07
	120	392579	3871341	3.681E-07	1,889E-08	8.819E-07	0	3.647E-07	0	0	1.634E-06	3.501E-07
	121	392523	3871341	4.346E-07	2.237E-08	1.045E-06	0	4.317E-07	0	0	1.934E-06	4.144E-07
	122	392523	3871166	4.712E-07	2.448E-08	1.143E-06	0	4.714E-07	0	ō	2.110E-06	4.521E-07
	123	392371	3871166	7.649E-07	4.003E-08	1.870E-06	0	7.696E-07	0	0	3.445E-06	7.382E-07
	124	392369	3871338	6.588E-07	3.415E-08	1.595E-06	0	6.580E-07	0	0	2.946E-06	6.313E-07
	125	392241	3871335	9.350E-07	4.881E-08	2.281E-06	0	9.387E-07	0	0	4.204E-06	9.009E-07
	126	392113	3871332	1.433E-06	7.507E-08	3.508E-06	0	1.442E-06	0	0	6.458E-06	1.384E-06
	127	392150	3871149	1.604E-06	8.464E-08	3.956E-06	0	1.624E-06	0	0	7.269E-06	1.558E-06
	128	392107	3870949	1.213E-06	6.407E-08	2.995E-06	0	1.230E-06	0	0	5.502E-06	1.179E-06
	129	392065	3870749	7.300E-07	3.835E-08	1.792E-06	0	7.372E-07	0	0	3.298E-06	7.067E-07
	130	392023	3870549	6.147E-07	3.213E-08	1.501E-06	0	6.183E-07	0	0	2.766E-06	5.927E-07

					•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Mother's		Prorated
Re	ceptor	X	Υ	Inhale	Dermal	Soil	Water	Plant	Animal	Milk	Sum	15/70
	131	391842	3870545	6.704E-07	3,487E-08	1.629E-06	0	6.716E-07	0	0	3.006E-06	6.441E-07
	132	391874	3870698	1.346E-06	7.104E-08	3.320E-06	0	1,364E-06	0	0	6.101E-06	1.307E-06
	133	391907	3870852	1.866E-06	9.893E-08	4.625E-06	0	1.897E-06	0	0	8.487E-06	1.819E-06
	134	391840	3870853	2.042E-06	1.082E-07	5.057E-06	0	2,075E-06	0	0	9.282E-06	1.989E-06
	135	391841	3870687	9.684E-07	5.072E-08	2.370E-06	0	9.754E-07	0	0	4.365E-06	9.354E-07
	136	391842	3870521	6.131E-07	3.182E-08	1.486E-06	0	6.132E-07	0	0	2.744E-06	5.880E-07
	137	391643	3870520	6.387E-07	3.267E-08	1.525E-06	0	6.310E-07	0	0	2.827E-06	6.058E-07
	138	391445	3870519	5.895E-07	3.010E-08	1.405E-06	0	5.816E-07	0	0	2.606E-06	5.584E-07
	139	391247	3870518	7.014E-07	3.606E-08	1.684E-06	0	6.960E-07	0	0	3.117E-06	6.679E-07
	140	391049	3870518	6.241E-07	3.224E-08	1.506E-06	0	6.222E-07	0	0	2.785E-06	5,968E-07
	141	391044	3870310	6.820E-07	3.551E-08	1,659E-06	0	6.842E-07	0	0	3.061E-06	6.559E-07
	142	391040	3870103	4.661E-07	2.419E-08	1.130E-06	0	4,665E-07	0	0	2.087E-06	4.472E-07
	143	391036	3869895	3.319E-07	1.712E-08	7.994E-07	0	3.305E-07	0	0	1.479E-06	3.169E-07
	144	391032	3869688	3,215E-07	1,673E-08	7.813E-07	0	3.224E-07	0	0	1.442E-06	3.090E-07
	145	391236	3869694	2.681E-07	1.375E-08	6.421E-07	0	2.657E-07	0	0	1.190E-06	2.550E-07
	146	391440	3869701	2.462E-07	1,253E-08	5.849E-07	0	2.423E-07	0	0	1.086E-06	2.327E-07
	147	391644	3869707	2.288E-07	1.162E-08	5.423E-07	0	2.248E-07	0	0	1.008E-06	2.160E-07
	148	391849	3869714	2.165E-07	1.098E-08	5.125E-07	0	2.124E-07	0	0	9,524E-07	2.041E-07
	149	391855	3869518	1.886E-07	9.577E-09	4.470E-07	0	1.853E-07	0	0	8.305E-07	1.780E-07
	150	391861	3869323	1.650E-07	8.384E-09	3.914E-07	0	1.622E-07		0	7.270E-07	1.558E-07
	151	391671	3869318	1.732E-07	8.803E-09	4.109E-07	0	1.703E-07		0	7.632E-07	1.635E-07
	152	391481	3869313	1.844E-07	9.403E-09	4.390E-07	0	1,818E-07		0	8.146E-07	1.746E-07
	153	391484	3869136	1.590E-07	8.106E-09	3.784E-07	0	1.567E-07		0	7.022E-07	1.505E-07
	154	391487	3868960	1.421E-07	7.251E-09	3.385E-07	0	1.402E-07		0	6.281E-07	1.346E-07
	155	391490	3868784	1.292E-07	6.599E-09	3.081E-07	0	1.276E-07		0	5.715E-07	1.225E-07
	156	391278	3868779	1.442E-07	7.431E-09	3,470E-07	0	1.435E-07		0	6.421E-07	1.376E-07
	157	391066	3868775	1.583E-07	8.220E-09	3.839E-07	0	1.585E-07		0	7.089E-07	1.519E-07
	158	390854	3868770	1.493E-07	7.718E-09	3.604E-07	0	1.489E-07		0	6.663E-07	1.428E-07
	159	390642	3868766	1.424E-07	7.360E-09	3.437E-07	0	1.420E-07	(25)	0	6,355E-07	1.362E-07
	160	390430	3868761	1.258E-07	6.467E-09	3.020E-07	0	1.249E-07		0	5.592E-07	1.198E-07
	161	390218	3868757	1.190E-07	6.134E-09	2.864E-07	o	1.184E-07		0	5.299E-07	1,136E-07
1	162	390217	3868983	1.317E-07	6.797E-09	3.174E-07	o	1.312E-07		0	5.871E-07	1.258E-07
	163	390217	3869209	1.517E-07	7.845E-09	3.664E-07	0	1.513E-07		0	6.769E-07	1.451E-07
	164	390215	3869435	1.893E-07	9.949E-09	4.647E-07	0	1.916E-07		0	8.555E-07	1.833E-07
	165	390215	3869661	2.166E-07	1.143E-08	5.341E-07	0	2.201E-07		0	9.822E-07	2.105E-07
	166	390012	3869664	2.041E-07	1,078E-08	5.037E-07	0	2.074E-07		0	9.260E-07	1.984E-07
	167	389809	3869667	1.604E-07	8.468E-09	3.956E-07	0	1.629E-07	0.00	0	7.274E-07	1.559E-07
	168	389606	3869670	1.243E-07	6.511E-09	3.042E-07	0	1.254E-07		0	5.604E-07	1.201E-07
	169	389404	3869674	1,044E-07	5.469E-09	2.555E-07	0	1.053E-07	1.22	0	4.707E-07	1.009E-07
	170	389404	3869873	1.079E-07	5.652E-09	2.640E-07	0	1.088E-07		0	4.864E-07	1.042E-07
	171	389405	3870072	1.129E-07	5.920E-09	2.766E-07	0	1.139E-07		0	5.093E-07	1.091E-07
	172	389406	3870271	1.144E-07	6.020E-09	2.813E-07	o	1.158E-07	17726	0	5.175E-07	1.109E-07
		389407	3870471	1.135E-07	5.977E-09	2.792E-07	o	1.150E-07		0	5.137E-07	1.101E-07
	173		3870471	1.133E-07 1.343E-07	7.041E-09	3.289E-07	ō	1,355E-07	102	Ō	6.057E-07	1.298E-07
	174	389608			8.371E-09	3.910E-07	ő	1,613E-07		ō	7.208E-07	1.545E-07
	175	389809 390010	3870475 3870477	1.601E-07 2.061E-07	1.076E-08	5.023E-07	ő	2.073E-07		ō	9.265E-07	1.985E-07
	176 177			2.362E-07	1.070E-08	5.760E-07	ő	2.376E-07		0	1.062E-06	2.276E-07
	177	390212		2.192E-07	1.152E-08	5.380E-07	ő	2.217E-07	102	Ō	9.904E-07	2.122E-07
	178	390211	3870677 3870875	2.192E-07 2.414E-07	1.132E-08	5.923E-07	ő	2.443E-07		ō	1.091E-06	2.338E-07
	179	390210			1.499E-08	7.002E-07	o	2.890E-07		0	1.290E-06	2.764E-07
	180	390209	3871072	2.863E-07	1,650E-08	7.707E-07	o	3.181E-07		ō	1,420E-06	3.043E-07
	181	390209	3871270	3.150E-07		5.776E-07	Ö	2.383E-07		ō	1.064E-06	2.280E-07
	182	390008	3871272	2.355E-07	1.237E-08		ő	1,738E-07		0	7.759E-07	1.663E-07
	183	389807	3871275	1.715E-07	9.026E-09	4.216E-07	0	1.303E-07		0	5.814E-07	1.246E-07
	184	389606	3871278	1.278E-07	6.774E-09	3.165E-07				0	4.842E-07	1.038E-07
	185	389406	3871281	1.060E-07	5.650E-09	2.640E-07	0	1.085E-07	- 2		4.974E-07	1.056E-07
	186	389406	3871078	1.093E-07	5.798E-09	2,709E-07	0	1.114E-07		0		1.060E-07
	187	389406	3870876	1.092E-07	5.774E-09	2.698E-07	0	1.110E-07			4.958E-07	
	188	389406	3870673	1.115E-07	5.871E-09	2.743E-07	0	1.129E-07		0	5.046E-07	1,081E-07
	189	389407	3870471	1.135E-07	5.977E-09	2.792E-07	0	1.150E-07		0	5.137E-07	1.101E-07
	190	389206	3870472	9.966E-08	5.251E-09	2.454E-07	0	1.010E-07		0	4.513E-07	9.671E-08
	191	389005	3870474	8,895E-08	4.705E-09	2.199E-07	0	9.041E-08		0	4.040E-07	8.657E-08
.)	192	388804	3870475	7.972E-08	4.235E-09	1.979E-07	0	8.134E-08	224	0	3,632E-07	7,783E-08
	193	391300	3870300	5.040E-07	2.591E-08	1.210E-06	0	5.002E-07		0	2.240E-06	4.800E-07
	194	391400	3870300	4.583E-07	2.345E-08	1.095E-06	0	4.532E-07	220	0	2,030E-06	4,350E-07
	195	391500	3670300	4.345E-07	2.208E-08	1.031E-06	0	4.271E-07	0	U	1.915E-06	4,104E-07

					G	Jideli Qi	16611	willing		1 4 a 1 b a a 1 a		Draratad
٣ <u>ــــــــــــــــــــــــــــــــــــ</u>	overstanders.		V	labala	Darmal	Cail	Mater	Clost (Vnimal	Mother's Milk	Sum	Prorated 15/70
Rec	eptor	201600	3870300	Inhale 4.252E-07	2.157E-08	1.007E-06	Water 0	Plant A 4,172E-07	0	0	1.871 E-06	4.009E-07
	196	391600	3870300	4.232E-07	2.137E-08	1.007E-06	0	4.172E-07 4.153E-07	o	0	1.862E-06	3.990E-07
	197	391700 391800	3870300	4.227E-07 4.133E-07	2.140E-08	9.854E-07	0	4.078E-07	ő	o	1.828E-06	3.917E-07
	198 199	391900	3870300	4.086E-07	2.110E-08	9.809E-07	0	4.054E-07	ő	o	1.816E-06	3.891E-07
	200	392000	3870300	4.119E-07	2.101E-00 2.134E-08	9.967E-07	Ö	4.115E-07	ő	o	1.841E-06	3.945E-07
	201	392100	3870300	3.803E-07	1.968E-08	9.192E-07	Ö	3.795E-07	ŏ	ō	1.699E-06	3.641E-07
	202	392200	3870300	3.548E-07	1.837E-08	8.580E-07	Ö	3.542E-07	ō	o	1.585E-06	3.396E-07
	202	392300	3870300	3.527E-07	1.837E-08	8.579E-07	ő	3.538E-07	Ö	o	1.583E-06	3.392E-07
	203	391300	3870400	5.755E-07	2.956E-08	1.380E-06	Ö	5.708E-07	ŏ	ō	2.556E-06	5.477E-07
	205	391400	3870400	5.224E-07	2.671E-08	1.247E-06	Ö	5.161E-07	ő	Ö	2.312E-06	4.954E-07
	206	391500	3870400	5.045E-07	2.563E-08	1.196E-06	Ö	4.957E-07	ő	o	2.222E-06	4.761E-07
	207	391600	3870400	5.063E-07	2.570E-08	1.190E-06	0	4.970E-07	ő	Ö	2.229E-06	4.776E-07
	208	391700	3870400	4.896E-07	2.494E-08	1.164E-06	0	4.820E-07	ŏ	ő	2.161E-06	4.631E-07
	209	391800	3870400	4.758E-07	2.442E-08	1.140E-06	0	4.715E-07	Ö	o	2.112E-06	4.526E-07
	210	391900	3870400	4.924E-07	2.551E-08	1.192E-06	0	4.918E-07	ő	o	2.202E-06	4.719E-07
	211	392000	3870400	5.440E-07	2.838E-08	1.326E-06	Ö	5.464E-07	ō	Ō	2.445E-06	5.239E-07
	212	392100	3870400	4.309E-07	2.242E-08	1.047E-06	Ö	4.320E-07	ő	o	1.932E-06	4.140E-07
	213	392200	3870400	3.890E-07	2.022E-08	9.443E-07	Ö	3.895E-07	o	ŏ	1.743E-06	3.735E-07
	214	392300	3870400	3.954E-07	2.022E-08	9.660E-07	Ö	3.981E-07	Ö	ő	1.780E-06	3.814E-07
	215	391300	3870500	6.417E-07	3.287E-08	1.535E-06	0	6.349E-07	ő	ő	2.844E-06	6.094E-07
	216	391400	3870500	5.883E-07	3.003E-08	1.402E-06	ő	5.805E-07	o	ŏ	2.601E-06	5.574E-07
	217	391500	3870500	5.904E-07	3.005E-08	1.403E-06	Ö	5.809E-07	ő	ŏ	2.604E-06	5.580E-07
	218	391600	3870500	6.168E-07	3.143E-08	1.467E-06	0	6.075E-07	ő	ŏ	2.723E-06	5.835E-07
	219	391700	3870500	5.921E-07	3.036E-08	1.418E-06	Ö	5.863E-07	ŏ	o	2.627E-06	5.629E-07
	220	391800	3870500	5.653E-07	2.919E-08	1.363E-06	Ö	5.631E-07	ŏ	Ö	2.521E-06	5.402E-07
	221	391900	3870500	6.749E-07	3.523E-08	1.646E-06	Ö	6.781E-07	ō	o	3.034E-06	6.501E-07
	222	392000	3870500	6.545E-07	3.426E-08	1.601E-06	0	6.590E-07	o	o	2.949E-06	6.319E-07
	223	392100	3870500	4.795E-07	2.499E-08	1.167E-06	ō	4.812E-07	ō	o	2.153E-06	4.614E-07
	224	392200	3870500	4,351E-07	2.272E-08	1.061E-06	0	4.374E-07	ō	ŏ	1.956E-06	4.191E-07
-	225	392300	3870500	4.832E-07	2.539E-08	1.186E-06	Ö	4.883E-07	ō	ŏ	2.183E-06	4.678E-07
()	226	392100	3870600	5.303E-07	2.770E-08	1.294E-06	Ö	5.332E-07	ŏ	ō	2.385E-06	5.111E-07
	227	392200	3870600	4.999E-07	2.619E-08	1.224E-06	Ö	5.040E-07	ō	ō	2.254E-06	4.830E-07
	228	392300	3870600	6.460E-07	3.408E-08	1.593E-06	Ö	6.547E-07	ō	ő	2.928E-06	6.274E-07
	229	392100	3870700	5.634E-07	2.947E-08	1.377E-06	0	5.672E-07	ŏ	ő	2.537E-06	5.436E-07
	230	392200	3870700	5.578E-07	2.926E-08	1.367E-06	Ö	5.628E-07	ő	ō	2.517E-06	5.394E-07
	231	392300	3870700	7.054E-07	3.720E-08	1.738E-06	Ö	7.144E-07	o	ō	3.195E-06	6.846E-07
	232	392100	3870800	6.841E-07	3.590E-08	1.678E-06	0	6.903E-07	Ö	ő	3.088E-06	6.617E-07
	233	392200	3870800	5.666E-07	2.964E-08	1.385E-06	Ö	5.703E-07	ō	Ö	2.552E-06	5.469E-07
	234	392300	3870800	5.971E-07	3.131E-08	1.463E-06	Ö	6.020E-07	o	ő	2.693E-06	5.771E-07
	235	392100	3870900	9.283E-07	4.888E-08	2.284E-06	Ö	9.388E-07	o	o	4.200E-06	9.000E-07
	236	392200	3870900	6.536E-07	3.420E-08	1.598E-06	0	6.577E-07	Ö	o	2.944E-06	6.309E-07
	237	392300	3870900	6.627E-07	3.475E-08	1.624E-06	Ö	6.681E-07	ŏ	ō	2.990E-06	6.407E-07
	238	392200	3871000	7.942E-07	4.161E-08	1.944E-06	0	7.999E-07	ő	ŏ	3.580E-06	7.671E-07
	239	392300	3871000	7.276E-07	3.811E-08	1.781E-06	0	7.325E-07	o	ō	3.279E-06	7.026E-07
	240	392200	3871100	9.563E-07	5.011E-08	2.342E-06	0	9.630E-07	Ö	ŏ	4.311E-06	9.238E-07
	240	392300	3871100	8.409E-07	4.405E-08	2.058E-06	0	8.465E-07	o	ő	3.789E-06	8.119E-07
			3871200	1.096E-06	5.744E-08	2.684E-06	Ö	1.104E-06	o	ŏ	4.941E-06	1.059E-06
	242	392200 392300	3871200	8.967E-07	4.697E-08	2.195E-06	0	9.026E-07	o	ő	4.041E-06	8.659E-07
	243		3871300		5.379E-08	2.193E-06 2.513E-06	0	1.034E-06	Ö	o	4.630E-06	9.921E-07
	244	392200		1.029E-06				7.870E-07	o	ő	3.524E-06	7.551E-07
	245	392300	3871300	7.850E-07	4.090E-08	1.911E-06 8.577E-08	0		o	ő	1.572E-07	3.369E-08
	246	386000	3865000	3.438E-08	1.835E-09			3.519E-08 3.930E-08	0	o	1.756E-07	3.763E-08
	247	386500	3865000	3.848E-08	2.049E-09	9.576E-08	0		o	o	1.730E-07	4.172E-08
	248	387000	3865000	4.266E-08	2.273E-09	1.062E-07	0	4.360E-08			1.768E-07	3.789E-08
	249	387500	3865000	3.876E-08	2.062E-09	9.638E-08	0	3.960E-08	0	0	1.677E-07	3.594E-08
	250	388000	3865000	3.701E-08	1.951E-09	9.117E-08	0	3.752E-08	0			3.816E-08
	251	388500	3865000	3.947E-08	2.070E-09	9.672E-08	0	3.984E-08 4.000E-08	0	0	1.781E-07 1.790E-07	3.836E-08
	252	389000	3865000	3.991E-08	2.076E-09	9.698E-08	0		0		1.790E-07 1.877E-07	4.022E-08
	253	389500	3865000	4.189E-08	2.177E-09	1.017E-07	0	4.197E-08	0	0		
	254	390000	3865000	4.110E-08	2.121E-09	9.905E-08	0	4.092E-08	0	0	1.832E-07	3.926E-08
	255	390500	3865000	4.133E-08	2.134E-09	9.965E-08	0	4.118E-08	0	0	1.843E-07	3.949E-08
14	256	391000	3865000	4.177E-08	2.156E-09	1.007E-07	0	4.162E-08	0	0	1.862E-07	3.990E-08
	257	391500	3865000	4.139E-08	2.127E-09	9.931E-08	0	4.107E-08	0	0	1.839E-07	3.941E-08
	258	392000	3865000	3.990E-08	2.050E-09	9.571E-08	0	3.959E-08	0	0	1.773E-07	3.799E-08
	259	392500	3865000	3.724E-08	1.908E-09	8.907E-08	0	3.686E-08	0	0	1.651E-07	3.538E-08
	260	393000	3865000	3.346E-08	1.710E-09	7.984E-08	0	3.305E-08	0	0	1.481E-07	3.174E-08

					0.	Jideii Qi	accii	wiiiiiig		Mother's		Prorated
Rec	eptor	X	Y	Inhale	Dermal	Soil	Water	Plant	Animal	Milk	Sum	15/70
	261	393500	3865000	3.034E-08	1.552E-09	7.245E-08	0	2.999E-08	0	0	1.343E-07	2.878E-08
	262	394000	3865000	2.824E-08	1.444E-09	6.742E-08	0	2.791E-08	0	0	1.250E-07	2.679E-08
	263	394500	3865000	2.859E-08	1.464E-09	6.837E-08	0	2.829E-08	0	0	1.267E-07	2.715E-08
	264	395000	3865000	3.101E-08	1.597E-09	7.459E-08	0	3.084E-08	0	0	1.380E-07	2.957E-08
	265	395500	3865000	3,424E-08	1.769E-09	8.261E-08	0	3.413E-08	0	0	1.527E-07	3.272E-08
	266	396000	3865000	3.893E-08	2.021E-09	9.441E-08	0	3.896E-08	0	0	1.743E-07	3.735E-08
	267	396500	3865000	4.246E-08	2.210E-09	1.032E-07	0	4.257E-08	0	0	1.904E-07	4.080E-08
	268	397000	3865000	4.438E-08	2.319E-09	1.083E-07	0	4.464E-08	0	0	1.996E-07	4.277E-08
	269	397500	3865000	4.359E-08	2.282E-09	1.066E-07	0	4.392E-08	0	0	1.964E-07	4.209E-08
	270	398000	3865000	4.251E-08	2.228E-09	1.041E-07	0	4.285E-08	0	0	1.917E-07	4.108E-08
	271	398500	3865000	4.235E-08	2.226E-09	1.040E-07	0	4.279E-08	0	0	1.914E-07	4.101E-08
	272	399000	3865000	3.780E-08	1.989E-09	9.293E-08 7.683E-08	0	3.823E-08	0	0	1.709E-07 1.414E-07	3.662E-08 3.030E-08
	273	399500	3865000 3865000	3.134E-08	1.644E-09 1.421E-09	6.637E-08	0	3.163E-08 2.733E-08	0	0	1.414E-07 1.223E-07	2.621E-08
	274	400000 386000	3865500	2.713E-08 2.672E-08	1.421E-09 1.417E-09	6.621E-08	0	2.733E-08	o	o	1.225E-07 1.216E-07	2.606E-08
	275 276	386500	3865500	2.966E-08	1.569E-09	7.334E-08	o	3.014E-08	o	ő	1.347E-07	2.886E-08
	277	387000	3865500	3.205E-08	1.691E-09	7.900E-08	ő	3.249E-08	ő	ŏ	1.452E-07	3.111E-08
	278	387500	3865500	3.405E-08	1.790E-09	8.365E-08	ō	3.443E-08	o	ō	1.539E-07	3.298E-08
	279	388000	3865500	3.634E-08	1.908E-09	8.916E-08	0	3.671E-08	0	ō	1.641E-07	3.516E-08
	280	388500	3865500	3.926E-08	2.052E-09	9.586E-08	0	3.951E-08	0	0	1.767E-07	3.786E-08
	281	389000	3865500	4.227E-08	2.196E-09	1.026E-07	0	4.232E-08	0	0	1.894E-07	4.059E-08
	282	389500	3865500	4.441 E-08	2.307E-09	1.077E-07	0	4.448E-08	0	0	1.989E-07	4.262E-08
	283	390000	3865500	4.458E-08	2.295E-09	1.072E-07	0	4.430E-08	0	0	1.984E-07	4.251E-08
	284	390500	3865500	4.605E-08	2.376E-09	1.110E-07	0	4.586E-08	0	0	2.053E-07	4.399E-08
	285	391000	3865500	4.635E-08	2.390E-09	1.116E-07	0	4.613E-08	0	0	2.065E-07	4.425E-08
	286	391500	3865500	4.602E-08	2.364E-09	1.104E-07	0	4.565E-08	0	0	2.044E-07	4.380E-08
	287	392000	3865500	4.405E-08	2.261E-09	1.056E-07	0	4.369E-08	0	0	1.956E-07	4.191E-08
	288	392500	3865500	4.053E-08	2.073E-09	9.680E-08	0	4.007E-08	0	0	1.795E-07	3.846E-08
	289	393000	3865500	3.608E-08	1.842E-09	8.600E-08	0	3.561E-08	0	0	1.595E-07	3.418E-08
1	290	393500	3865500	3.309E-08	1.693E-09	7.902E-08	0	3.272E-08	0	0	1.465E-07	3.139E-08
	291	394000	3865500	3.161E-08	1.615E-09	7.538E-08	0	3.121E-08	0	0	1.398E-07	2.996E-08
	292	394500	3865500	3.352E-08	1.722E-09	8.042E-08	0	3.327E-08	0	0	1.489E-07	3.191E-08
	293	395000	3865500	3.684E-08	1.900E-09	8.874E-08	0	3.668E-08	0	0	1.642E-07 1.813E-07	3.519E-08 3.885E-08
	294	395500 396000	3865500 3865500	4.058E-08 4.347E-08	2.101E-09 2.255E-09	9.813E-08 1.053E-07	0	4.052E-08 4.346E-08	0	0	1.945E-07	4.168E-08
	295 296	396500	3865500	4.547 E-08 4.515E-08	2.255E-09 2.350E-09	1.033E-07	0	4.528E-08	ő	ő	2.026E-07	4.341E-08
	297	397000	3865500	4.450E-08	2.322E-09	1.085E-07	o	4.472E-08	o	Ö	2.000E-07	4.286E-08
	298	397500	3865500	4.153E-08	2.167E-09	1.000E-07	ő	4.171E-08	ŏ	ō	1.866E-07	3.999E-08
	299	398000	3865500	3.864E-08	2.019E-09	9.430E-08	o	3.886E-08	o	ō	1.738E-07	3.724E-08
	300	398500	3865500	3.475E-08	1.818E-09	8.495E-08	Ō	3.500E-08	0	0	1.565E-07	3.354E-08
	301	399000	3865500	3.137E-08	1.641E-09	7.668E-08	0	3.159E-08	0	0	1.413E-07	3.028E-08
	302	399500	3865500	2.770E-08	1.448E-09	6.764E-08	0	2.787E-08	0	0	1.247E-07	2.672E-08
	303	400000	3865500	2.466E-08	1.289E-09	6.021E-08	0	2.481E-08	0	0	1.110E-07	2.379E-08
	304	386000	3866000	2.693E-08	1.421E-09	6.639E-08	0	2.729E-08	0	0	1.220E-07	2.614E-08
	305	386500	3866000	2.900E-08	1.534E-09	7.168E-08	0	2.947E-08	0	0	1.317E-07	2.822E-08
	306	387000	3866000	3.202E-08	1.687E-09	7.884E-08	0	3.242E-08	0	0	1.450E-07	3.107E-08
	307	387500	3866000	3.528E-08	1.856E-09	8.672E-08	0	3.568E-08	0	0	1.595E-07	3.418E-08
	308	388000	3866000	3.849E-08	2.021E-09	9.441E-08	0	3.887E-08	0	0	1.738E-07	3.724E-08
	309	388500	3866000	4.143E-08	2.167E-09	1.012E-07	0	4.172E-08	0	0	1.865E-07	3.996E-08
	310	389000	3866000	4.568E-08	2.376E-09	1.110E-07	0	4.579E-08	0	0	2.048E-07	4.389E-08
	311	389500	3866000	4.893E-08	2.543E-09	1.188E-07	0	4.904E-08	0	0	2.193E-07	4.699E-08
	312	390000	3866000	5.009E-08	2.578E-09	1.204E-07	0	4.976E-08	0	0	2.228E-07	4.774E-08
	313	390500	3866000	5.179E-08	2.671E-09	1.247E-07	0	5.155E-08	0	0	2.307E-07 2.316E-07	4,944E-08 4.963E-08
	314	391000 391500	3866000 3866000	5.203E-08	2.680E-09	1.251E-07 1.242E-07	0	5.174E-08 5.136E-08	0	0	2.300E-07	4.929E-08
	315 316	392000	3866000	5.179E-08 4.900E-08	2.659E-09 2.514E-09	1.242E-07 1.174E-07	0	4.856E-08	o	ő	2.175E-07	4.661E-08
	317	392500	3866000	4.439E-08	2.269E-09	1.174E-07	o	4.386E-08	o	o	1.964E-07	4.209E-08
	318	393000	3866000	3.963E-08	2.024E-09	9.448E-08	ő	3.912E-08	o	ő	1.753E-07	3.756E-08
	319	393500	3866000	3.674E-08	1.877E-09	8.761E-08	ō	3.628E-08	o	ō	1.625E-07	3.482E-08
	320	394000	3866000	3.680E-08	1.883E-09	8.790E-08	ō	3.638E-08	o	ō	1.630E-07	3.493E-08
	321	394500	3866000	4.014E-08	2.066E-09	9.648E-08	0	3.990E-08	0	0	1.786E-07	3.827E-08
N.	322	395000	3866000	4.389E-08	2.268E-09	1.059E-07	0	4.376E-08	0	0	1.958E-07	4.196E-08
	323	395500	3866000	4.692E-08	2.429E-09	1.134E-07	0	4.684E-08	0	0	2.096E-07	4.491E-08
	324	396000	3866000	4.810E-08	2.497E-09	1.166E-07	0	4.812E-08	0	0	2.153E-07	4.614E-08
	325	396500	3866000	4.633E-08	2.410E-09	1.126E-07	0	4.644E-08	0	0	2.078E-07	4.453E-08

					0.	nacii Q	40011	9		Mother's		Prorated
Re	ceptor	X	Υ	Inhale	Dermal	Soil	Water	Plant	Animal	Milk	Sum	15/70
110	326	397000	3866000	4.327E-08	2.251E-09	1.051E-07	0	4.337E-08	0	0	1.940E-07	4.157E-08
	327	397500	3866000	3.920E-08	2.041 E-09	9.535E-08	0	3.932E-08	0	0	1.759E-07	3.769E-08
	328	398000	3866000	3.518E-08	1.835E-09	8.570E-08	0	3.533E-08	0	0	1.580E-07	3.386E-08
	329	398500	3866000	3.088E-08	1.608E-09	7.513E-08	0	3.098E-08	0	0	1.386E-07	2.970E-08
	330	399000	3866000	2.739E-08	1.427E-09	6.665E-08	0	2.748E-08	0	0	1.229E-07	2.634E-08
	331	399500	3866000	2.480E-08	1.293E-09	6.040E-08	0	2.490E-08	0	0	1.114E-07	2.387E-08
	332	400000	3866000	2.233E-08	1.163E-09	5.435E-08	0	2.241E-08	0	0	1.003E-07	2.149E-08
	333	386000	3866500	2.740E-08	1.447E-09	6.760E-08	0	2.779E-08	0	0	1.242E-07	2.661E-08
	334	386500	3866500	3.074E-08	1.624E-09	7.588E-08	0	3.119E-08	0	0	1.394E-07	2.987E-08
	335	387000	3866500	3.315E-08	1.751E-09	8.181E-08	0	3.364E-08	0	0	1.504E-07	3.223E-08
	336	387500	3866500	3.694E-08	1.944E-09	9.085E-08	0	3.738E-08	0	0	1.671E-07	3.581E-08
	337	388000	3866500	4.117E-08	2.162E-09	1.010E-07	0	4.158E-08	0	0	1.859E-07 2.033E-07	3.984E-08 4.356E-08
	338	388500	3866500	4.506E-08	2.362E-09	1.104E-07	0	4.546E-08 4.992E-08	0	0	2.033E-07 2.232E-07	4.783E-08
	339	389000	3866500	4.972E-08 5.424E-08	2.591E-09 2.819E-09	1.210E-07 1.317E-07	0	5.434E-08	0	0	2.431E-07	5.209E-08
	340	389500	3866500 3866500	5.424E-08 5.663E-08	2.916E-09	1.362E-07	o	5.627E-08	o	0	2.520E-07	5.400E-08
	341 342	390000 390500	3866500	5.875E-08	3.028E-09	1.414E-07	0	5.845E-08	0	0	2.616E-07	5.606E-08
	343	391000	3866500	5.957E-08	3.065E-09	1.431E-07	o	5.919E-08	o	0	2.649E-07	5.676E-08
	344	391500	3866500	5.883E-08	3.020E-09	1.410E-07	0	5.834E-08	O	Ö	2.612E-07	5.597E-08
	345	392000	3866500	5.483E-08	2.809E-09	1.312E-07	ō	5.428E-08	0	Ō	2.431E-07	5.209E-08
	346	392500	3866500	4.892E-08	2.498E-09	1.166E-07	0	4.829E-08	0	0	2.163E-07	4.635E-08
	347	393000	3866500	4.435E-08	2.266E-09	1.058E-07	0	4.380E-08	0	0	1.962E-07	4.204E-08
	348	393500	3866500	4.200E-08	2.141E-09	9.997E-08	0	4.140E-08	0	0	1.855E-07	3.975E-08
	349	394000	3866500	4.438E-08	2.278E-09	1.064E-07	0	4.401 E-08	0	0	1.971E-07	4.224E-08
	350	394500	3866500	4.853E-08	2.502E-09	1.169E-07	0	4.830E-08	0	0	2.162E-07	4.633E-08
	351	395000	3866500	5.193E-08	2.685E-09	1.254E-07	0	5.180E-08	0	0	2.318E-07	4.967E-08
	352	395500	3866500	5.310E-08	2.752E-09	1.285E-07	0	5.306E-08	0	0	2.374E-07	5.087E-08
	353	396000	3866500	5.079E-08	2.638E-09	1.232E-07	0	5.084E-08	0	0	2.275E-07	4.875E-08
	354	396500	3866500	4.628E-08	2.402E-09	1.122E-07	0	4.629E-08	0	0	2.072E-07	4.440E-08
7 X	355	397000	3866500	4.134E-08	2.147E-09	1.003E-07	0	4.138E-08	0	0	1.852E-07	3.969E-08
	356	397500	3866500	3,661E-08	1.903E-09	8.891E-08	0	3.668E-08	0	0	1.641E-07	3.516E-08
	357	398000	3866500	3.203E-08	1.664E-09	7.773E-08	0	3.207E-08	0	0	1.435E-07	3.075E-08
	358	398500	3866500	2.820E-08	1.465E-09	6.845E-08	0	2.824E-08	0	0	1.264E-07	2.709E-08
	359	399000	3866500	2.527E-08	1.314E-09	6.137E-08	0	2.532E-08	0	0	1.133E-07	2.428E-08 2.175E-08
	360	399500	3866500	2.266E-08	1.177E-09	5.499E-08	0	2.269E-08	0	0	1.015E-07 9.238E-08	1.980E-08
	361	400000	3866500	2.061E-08	1.072E-09	5.005E-08	0	2.065E-08 2.859E-08	0	0	9.236E-06 1.278E-07	2.739E-08
2	362	386000 386500	3867000 3867000	2.816E-08 3.152E-08	1.489E-09 1.664E-09	6.958E-08 7.776E-08	0	3.196E-08	0	0	1.429E-07	3.062E-08
	363 364	387000	3867000	3.132E-08	1.868E-09	8.729E-08	o	3.589E-08	o	0	1.604E-07	3.437E-08
	365	387500	3867000	3.851E-08	2.029E-09	9.483E-08	ő	3.900E-08	ő	Ö	1.744E-07	3.737E-08
	366	388000	3867000	4.357E-08	2.292E-09	1.071E-07	o	4.407E-08	ő	Ö	1.970E-07	4.221E-08
	367	388500	3867000	4.896E-08	2.569E-09	1.200E-07	ő	4.943E-08	Ö	ő	2.210E-07	4.736E-08
	368	389000	3867000	5.463E-08	2.853E-09	1.333E-07	0	5.495E-08	0	Ō	2.457E-07	5.265E-08
	369	389500	3867000	6.021E-08	3.127E-09	1.460E-07	o	6.027E-08	0	Ō	2.696E-07	5.777E-08
	370	390000	3867000	6.448E-08	3.323E-09	1,552E-07	0	6.412E-08	0	0	2.871 E-07	6.152E-08
	371	390500	3867000	6.723E-08	3.464E-09	1.618E-07	0	6.688E-08	0	0	2.994E-07	6.416E-08
	372	391000	3867000	6.858E-08	3.525E-09	1.646E-07	0	6.807E-08	0	0	3.048E-07	6.531E-08
	373	391500	3867000	6.723E-08	3.450E-09	1.611E-07	0	6.664E-08	0	0	2.984E-07	6.394E-08
	374	392000	3867000	6.171E-08	3.157E-09	1.474E-07	0	6.100E-08	0	0	2.733E-07	5.856E-08
	375	392500	3867000	5.513E-08	2.811E-09	1.312E-07	0	5.435E-08	0	0	2.435E-07	5.218E-08
	376	393000	3867000	5.050E-08	2.576E-09	1.203E-07	0	4.982E-08	0	0	2.232E-07	4.783E-08
	377	393500	3867000	5.043E-08	2.576E-09	1.203E-07	0	4.980E-08	0	0	2.231E-07	4.781E-08
	378	394000	3867000	5.440E-08	2.797E-09	1.306E-07	0	5.402E-08	0	0	2.418E-07	5.181E-08
	379	394500	3867000	5.824E-08	3.007E-09	1.405E-07	0	5.803E-08	0	0	2.598E-07	5.567E-08
	380	395000	3867000	5.972E-08	3.090E-09	1.443E-07	0	5.959E-08	0	0	2.667E-07	5.715E-08
	381	395500	3867000	5.734E-08	2.974E-09	1.389E-07	0	5.734E-08	0	0	2.566E-07	5.499E-08
	382	396000	3867000	5.185E-08	2.688E-09	1.255E-07	0	5.181E-08	0	0	2.318E-07	4.967E-08
	383	396500	3867000	4.556E-08	2.363E-09	1.104E-07	0	4.556E-08	0	0	2.039E-07	4.369E-08
	384	397000	3867000	3.948E-08	2.049E-09	9.569E-08	0	3.949E-08	0	0	1.767E-07 1.522E-07	3.786E-08 3.261E-08
	385	397500	3867000	3.402E-08	1.764E-09	8.237E-08	0	3.400E-08 2.979E-08	0	0	1.322E-07 1.333E-07	2.856E-08
	386 387	398000 398500	3867000 3867000	2.979E-08 2.630E-08	1.545E-09 1.364E-09	7.218E-08 6.372E-08	0	2.979E-08 2.630E-08	0	0	1.333E-07 1.177E-07	2.522E-08
.)	387 388	399000	3867000	2.030E-00 2.338E-08	1.213E-09	5.665E-08	ő	2.338E-08	ő	0	1.046E-07	2.241E-08
	389	399500	3867000	2.330E-08	1.215E-09 1.095E-09	5.117E-08	ő	2.111E-08	ő	Ö	9.447E-08	2.024E-08
	390	400000	3867000	1.899E-08	9.879E-10	4.615E-08	Ö	1.904E-08	ő	ŏ	8.517E-08	1.825E-08
			,						_	_		

					G	olden Qu	ieen	Mining				
()										Mother's		Prorated
Rec	eptor	X	Y	Inhale	Dermal		Water		Anima1	Milk	Sum	15/70
	391	386000	3867500	2.934E-08	1.556E-09	7.272E-08	0	2.987E-08	0	0	1.335E-07	2.861E-08
	392	386500	3867500	3.241E-08	1.713E-09	8.008E-08	0	3.291E-08	0	0	1.471E-07	3,152E-08
	393	387000	3867500	3,658E-08	1.930E-09	9.021E-08	0	3.708E-08	0	0	1.658E-07	3.553E-08
	394	387500	3867500	4.132E-08	2.184E-09	1.021E-07	0	4.196E-08	0	0	1.876E-07	4.020E-08
	395	388000	3867500	4.630E-08	2.436E-09	1.138E-07	0	4.684E-08	0	0	2.094E-07	4.487E-08
	396	388500	3867500	5.278E-08	2.772E-09	1.295E-07	0	5.332E-08	0	0	2.384E-07	5.109E-08
	397	389000	3867500	5.981E-08	3.130E-09	1.462E-07	0	6.026E-08	0	0	2.694E-07	5.773E-08
	398	389500	3867500	6.772E-08	3.519E-09	1,644E-07	0	6.783E-08	0	0	3.035E-07	6.504E-08
	399	390000	3867500	7.417E-08	3.830E-09	1.789E-07	0	7.389E-08	0	0	3,308E-07	7.089E-08
	400	390500	3867500	7.819E-08	4.027E-09	1.880E-07	0	7.774E-08	0	0	3,480E-07	7.457E-08
	401	391000	3867500	8.049E-08	4.132E-09	1.929E-07	0	7.981E-08	0	0	3.573E-07	7.656E-08 7.429E-08
	402	391500	3867500	7.816E-08	4.008E-09	1.871E-07	0	7.744E-08	0	0	3,467E-07	
	403	392000	3867500	7.067E-08	3.610E-09	1.685E-07	0	6,977E-08	0	0	3.125E-07 2.830E-07	6.696E-08 6.064E-08
	404	392500	3867500	6.408E-08	3.267E-09	1.525E-07	0	6.318E-08	0	0		5.668E-08
	405	393000	3867500	5.996E-08	3.052E-09	1.425E-07	0	5.902E-08	0	0	2.645E-07 2.767E-07	5.929E-08
	406	393500	3867500	6.240E-08	3,198E-09	1.493E-07	0	6.180E-08	0	0	2.767E-07 2.970E-07	6.364E-08
	407	394000	3867500	6.668E-08	3.437E-09	1.605E-07	0	6.635E-08	0	0	3.066E-07	6.570E-08
	408	394500	3867500	6.873E-08	3.551E-09	1.658E-07	0	6.850E-08	0	0	2.936E-07	6.291E-08
	409	395000	3867500	6.568E-08	3.402E-09	1.589E-07	0	6,561E-08	0	0	2.626E-07	5.627E-08
	410	395500	3867500	5.880E-08	3.044E-09	1.421E-07	0	5.869E-08	0	0	2.020E-07 2.283E-07	4.892E-08
	411	396000	3867500	5.108E-08	2.646E-09	1.236E-07	0	5.102E-08 4.341E-08	0	0	1.942E-07	4.161E-08
	412	396500	3867500	4.347E-08	2.251E-09	1.051E-07	0	3.702E-08	o	0	1.657E-07	3.551E-08
	413	397000	3867500	3.709E-08	1.920E-09	8.966E-08	0	3.702E-08	0	0	1.428E-07	3.060E-08
	414	397500	3867500	3.195E-08	1.654E-09	7.727E-08		2.773E-08	0	0	1.420E-07	2.659E-08
	415	398000	3867500	2.776E-08	1.438E-09	6.717E-08	0	2.452E-08	ő	0	1.097E-07	2.351 E-08
	416	398500	3867500	2.453E-08	1.272E-09 1.134E-09	5.941E-08 5.299E-08	0	2.432E-08 2.187E-08	o	0	9.783E-08	2.096E-08
	417	399000	3867500	2.184E-08	9.997E-10	4.669E-08	0	1.927E-08	o	0	8.620E-08	1.847E-08
	418	399500	3867500	1.924E-08			0	1.682E-08	ő	0	7.526E-08	1.613E-08
	419	400000	3867500	1.681E-08	8.727E-10	4.076E-08 7.586E-08	0	3.115E-08	ŏ	0	1.392E-07	2.983E-08
	420	386000	3868000	3.057E-08 3.410E-08	1.623E-09 1.809E-09	8.454E-08	0	3.473E-08	ő	0	1.552E-07	3.326E-08
.)	421	386500	3868000		2.030E-09	9.487E-08	Ö	3.899E-08	o	o	1.743E-07	3.735E-08
	422	387000	3868000	3.838E-08	2.030E-09 2.288E-09	1.069E-07	0	4.396E-08	o	0	1.965E-07	4.211E-08
	423	387500	3868000	4.333E-08	2.200E-09 2.590E-09	1.009E-07	0	4.977E-08	ő	0	2.225E-07	4.768E-08
	424	388000 388500	3868000 3868000	4.911E-08 5.673E-08	2.982E-09	1.393E-07	0	5.734E-08	ō	o	2.564E-07	5.494E-08
	425 426	389000	3868000	6.548E-08	3.434E-09	1.604E-07	0	6,608E-08	o	0	2.954E-07	6.330E-08
	427	389500	3868000	7.640E-08	3.979E-09	1.859E-07	0	7.667E-08	ō	0	3,429E-07	7,348E-08
	428	390000	3868000	8.625E-08	4.468E-09	2.087E-07	ō	8.618E-08	o	0	3.856E-07	8.263E-08
	429	390500	3868000	9.314E-08	4.794E-09	2.239E-07	0	9.255E-08	ō	0	4.144E-07	8.880E-08
		391000	3868000	9.670E-08	4,958E-09	2.315E-07	0	9.578E-08	o	0	4.289E-07	9.191E-08
	430			9.070E-08 9.224E-08	4.726E-09	2.206E-07	0	9.132E-08	o	0	4.089E-07	8.762E-08
	431	391500	3868000 3868000	9.224E-06 8.357E-08	4.720E-09 4.262E-09	1.990E-07	0	8.239E-08	ő	o	3.692E-07	7.911E-08
	432	392000	3868000	7.642E-08	4.202E-09 3.894E-09	1.818E-07	0	7.531E-08	o	o	3.374E-07	7,230E-08
	433	392500	3868000	7.465E-08		1.778E-07	0		o	ő	3.299E-07	7.069E-08
	434	393500	3868000		3.809E-09 4.035E-09	1.776E-07	0	7.793E-08	ő	ő	3.489E-07	7.476E-08
	435			7,852E-08 8.014E-08	4.033E-09 4.133E-09	1.930E-07	Ö	7.975E-08	o	ő	3.570E-07	7.650E-08
	436	394000 394500	3868000 3868000	7.695E-08	3.982E-09	1.860E-07	Ö	7.680E-08	ő	ō	3.437E-07	7.365E-08
	437	395000	3868000	6.822E-08	3.527E-09	1.647E-07	0	6.803E-08	o	Ö	3.045E-07	6.525E-08
	438	395500	3868000	5.843E-08	3.024E-09	1,412E-07	Ö	5.832E-08	ō	0	2.610E-07	5.593E-08
	439	396000	3868000	4.852E-08	2.508E-09	1,412E-07	Ö	4.837E-08	0	ō	2.165E-07	4.639E-08
	440 441	396500	3868000	4.032E-00 4.077E-08	2.107E-09	9.840E-08	0	4.064E-08	ō	ō	1.819E-07	3.898E-08
	442	397000	3868000	3.439E-08	1.779E-09	8.307E-08	0	3.430E-08	o	ō	1.535E-07	3.289E-08
		397500	3868000	2.947E-08	1.779E-09	7.123E-08	0	2.941E-08	ō	o	1.316E-07	2.820E-08
	443	398000	3868000	2.586E-08	1.323E-09	6.263E-08	0	2.585E-08	o	ō	1.157E-07	2.479E-08
	444 445	398500	3868000	2.251E-08	1.168E-09	5.455E-08	Ö	2.252E-08	ō	0	1.007E-07	2.158E-08
		399000	3868000	1.940E-08	1.005E-09	4.696E-08	Ö	1.939E-08	ō	Ö	8.676E-08	1.859E-08
	446 447	399500	3868000	1.678E-08	8.691E-10	4.059E-08	0	1.676E-08	ő	0	7,500E-08	1.607E-08
		400000	3868000	1.676E-08	7,619E-10	3,559E-08	0	1.469E-08	o	ő	6.575E-08	1.409E-08
	448	386000	3868500	3.080E-08	1.637E-09	7.652E-08	0	3.141E-08	o	o o	1,404E-07	3.009E-08
	449 450	386500	3868500	3.523E-08	1.872E-09	8.751E-08	0	3.593E-08	o	0	1,605E-07	3.439E-08
	450 451	387000	3868500	3.982E-08	2.113E-09	9.876E-08	0	4.057E-08	o	ő	1.813E-07	3.885E-08
16	451	387500	3868500	4.552E-08	2.113E-09 2.406E-09	1.125E-07	0	4.622E-08	o	ő	2.066E-07	4.427E-08
)	453	388000	3868500	5.286E-08	2.794E-09	1.306E-07	o	5.369E-08	o	ő	2.399E-07	5.141E-08
	454	388500	3868500	6.063E-08	3.190E-09	1.490E-07	ő	6.133E-08	Ö	ō	2.742E-07	5.876E-08
	455	389000	3868500	7,169E-08	3.762E-09	1.758E-07	0	7.239E-08	o	o	3.236E-07	6.934E-08
	-100	555500	2230000	.,	J., 522-00	002 01	_		1.0. 70 0	ುಡ್/.		

					G	nuen Q	Jeen	wiiiiiig		Mathada		Prorated
	one of the control	v		Tartesetes	Darrent	Cail	Motor	Diant	Animal	Mother's Milk	Sum	15/70
Rec	eptor	X	Y	Inhale	Dermal 4 5005 00	2.113E-07	Water	8.712E-08	Animal 0	0	3.896E-07	8.349E-08
	456	389500	3868500	8.664E-08	4.522E-09		0	1.024E-07	0	0	4.578E-07	9.810E-08
	457	390000	3868500	1.022E-07	5.308E-09	2.479E-07	0			0	5.031E-07	1.078E-07
	458	390500	3868500	1.132E-07	5.819E-09	2.717E-07	0	1.124E-07	0	0	5.307E-07	1.137E-07
	459	391000	3868500	1.198E-07	6.132E-09	2.863E-07	0	1.185E-07		0	4.972E-07	1.065E-07
	460	391500	3868500	1.123E-07	5,745E-09	2.682E-07	0	1.110E-07	0			
	461	392000	3868500	1.032E-07	5.251E-09	2.451E-07	0	1.016E-07	0	0	4.552E-07	9.754E-08
	462	392500	3868500	9.526E-08	4.839E-09	2.259E-07	0	9.361E-08	0	0	4.196E-07	8.991E-08
	463	393000	3868500	9,545E-08	4.884E-09	2.280E-07	0	9.440E-08	0	0	4.227E-07	9.058E-08
	464	393500	3868500	9,630E-08	4.956E-09	2.314E-07	0	9.568E-08	0	0	4.283E-07	9.178E-08
	465	394000	3868500	9.195E-08	4.749E-09	2.218E-07	0	9.163E-08	0	0	4.101E-07	8.788E-08
	466	394500	3868500	8.082E-08	4.174E-09	1.949E-07	0	8.052E-08	0	0	3.604E-07	7.723E-08
	467	395000	3868500	6.808E-08	3.519E-09	1.643E-07	0	6,788E-08	0	0	3.038E-07	6,510E-08
	468	395500	3868500	5.552E-08	2,865E-09	1.338E-07	0	5.527E-08	0	0	2.475E-07	5.304E-08
	469	396000	3868500	4.551 E-08	2.350E-09	1.097E-07	0	4.533E-08	0	0	2.029E-07	4.348E-08
	470	396500	3868500	3.744E-08	1.934E-09	9.034E-08	0	3.731 E-08	0	0	1.670E-07	3.579E-08
	471	397000	3868500	3.178E-08	1.645E-09	7.681E-08	0	3.172E-08	0	0	1.420E-07	3.043E-08
	472	397500	3868500	2.715E-08	1.407E-09	6.571E-08	0	2.713E-08	0	0	1.214E-07	2.601 E-08
	473	398000	3868500	2.305E-08	1.193E-09	5.570E-08	0	2.300E-08	0	0	1.029E-07	2.205E-08
	474	398500	3868500	1.966E-08	1.017E-09	4.749E-08	0	1.961 E-08	0	0	8.778E-08	1.881E-08
	475	399000	3868500	1.703E-08	8.800E-10	4.110E-08	0	1.698E-08	0	0	7.599E-08	1.628E-08
	476	399500	3868500	1.513E-08	7.817E-10	3.651 E-08	0	1.508Ë-08	0	0	6.750E-08	1.446E-08
	477	400000	3868500	1.379E-08	7.125E-10	3.327E-08	0	1.375E-08	0	0	6.152E-08	1.318E-08
	478	386000	3869000	3.172E-08	1.694E-09	7.916E-08	0	3.248E-08	0	0	1.451E-07	3,109E-08
	479	386500	3869000	3.605E-08	1.918E-09	8.966E-08	0	3.680E-08	0	0	1.644E-07	3.523E-08
	480	387000	3869000	4.110E-08	2.184E-09	1.021E-07	0	4.191E-08	0	0	1.873E-07	4.014E-08
	481	387500	3869000	4.749E-08	2.521E-09	1.178E-07	0	4.840E-08	0	0	2.162E-07	4.633E-08
	482	388000	3869000	5.540E-08	2.927E-09	1,368E-07	0	5.622E-08	0	0	2.513E-07	5.385E-08
	483	388500	3869000	6.549E-08	3.458E-09	1.616E-07	٥	6.647E-08	0	0	2.970E-07	6.364E-08
	484	389000	3869000	7,908E-08	4.153E-09	1.940E-07	Ō	7,989E-08	0	0	3.571E-07	7.652E-08
	485	389500	3869000	9.742E-08	5,100E-09	2.382E-07	Ď	9.820E-08	0	0	4,389E-07	9.405E-08
ì	486	390000	3869000	1.250E-07	6.500E-09	3.036E-07	ō	1.253E-07	0	0	5.604E-07	1.201E-07
-	487	391500	3869000	1.452E-07	7.402E-09	3.456E-07	Ō	1,431E-07	0	0	6.413E-07	1.374E-07
	488	392000	3869000	1.329E-07	6.758E-09	3,155E-07	Ö	1.307E-07	0	0	5.859E-07	1.256E-07
	489	392500	3869000	1,241E-07	6.322E-09	2.951E-07	ŏ	1.223E-07	0	Ō	5.478E-07	1.174E-07
	490	393000	3869000	1,227E-07	6.294E-09	2.939E-07	Ŏ	1,216E-07	0	ō	5.445E-07	1.167E-07
	491	393500	3869000	1.130E-07	5.826E-09	2.721E-07	ő	1.124E-07	ō	ō	5.033E-07	1.079E-07
	492	394000	3869000	9.753E-08	5.029E-09	2.349E-07	0	9.703E-08	o	ő	4.345E-07	9.311E-08
		394500	3869000	8.118E-08	4.188E-09	1.956E-07	0	8.081E-08	o	Ő	3,618E-07	7,753E-08
	493	395000			3.322E-09	1.551E-07	0	6.411E-08	o	0	2.870E-07	6.150E-08
	494		3869000	6,450E-08		1.331E-07	0	5.063E-08	0	0	2.267E-07	4.858E-08
	495	395500	3869000	5.089E-08	2.624E-09		0	4.134E-08	ő	0	1.851E-07	3.966E-08
	496	396000	3869000	4.150E-08	2.143E-09	1.001E-07	0	3.436E-08	Ö	0	1.538E-07	3.296E-08
	497	396500	3869000	3.442E-08	1.781E-09	8.319E-08			ő	0	1.276E-07	2.734E-08
	498	397000	3869000	2.859E-08	1.477E-09	6.899E-08	0	2.850E-08	0	0		2.274E-08
	499	397500	3869000	2,380E-08	1.228E-09	5.735E-08	0	2.370E-08	0		1.061E-07	
	500	398000	3869000	2.031E-08	1.048E-09	4.892E-08	0	2.022E-08		0	9.050E-08 7.976E-08	1.939E-08 1.709E-08
	501	398500	3869000	1.790E-08	9.234E-10	4.312E-08	0	1,782E-08	0	0		
	502	399000	3869000	1.619E-08	8,347E-10	3,898E-08	0	1.611E-08	0	0	7.211E-08	1.545E-08
	503	399500	3869000	1.489E-08	7.675E-10	3.584E-08	0	1.481E-08	0	0	6.631E-08	1.421E-08
	504	400000	3869000	1.388E-08	7.153E-10	3.340E-08	0	1.381E-08	0	0	6.181E-08	1.325E-08
	505	386000	3869500	3.107E-08	1.654E-09	7.733E-08	0	3.174E-08	0	0	1.418E-07	3.039E-08
	506	386500	3869500	3.623E-08	1,934E-09	9.042E-08	0	3.711E-08	0	0	1.657E-07	3.551E-08
	507	387000	3869500	4.227E-08	2.252E-09	1.053E-07	0	4.321 E-08	0	0	1.930E-07	4.136E-08
	508	387500	3869500	4.876E-08	2,588E-09	1.210E-07	0	4.968E-08	0	0	2.220E-07	4.757E-08
	509	388000	3869500	5.814E-08	3.085E-09	1.442E-07	0	5.923E-08	0	0	2.647E-07	5.672E-08
	510	388500	3869500	6.896E-08	3.639E-09	1.700E-07	0	6.992E-08	0	0	3.125E-07	6.696E-08
	511	389000	3869500	8.592E-08	4,520E-09	2.112E-07	0	8.692E-08	0	0	3.886E-07	8.327E-08
	512	389500	3869500	1.079E-07	5.650E-09	2.639E-07	0	1.088E-07		0	4.862E-07	1.042E-07
	513	390000	3869500	2.988E-07	1,586E-08	7.414E-07	0	3.045E-07	0	0	1.361 E-06	2.916E-07
	514	392000	3869500	1.793E-07	9.087E-09	4.242E-07	0	1.758E-07	0	0	7.884E-07	1.689E-07
	515	392500	3869500	1.700E-07	8.693E-09	4.059E-07	0	1.680E-07	0	0	7.526E-07	1.613E-07
	516	393000	3869500	1.515E-07	7.800E-09	3.642E-07	0	1.506E-07	0	0	6.741E-07	1.445E-07
1	517	393500	3869500	1.235E-07	6.359E-09	2.970E-07	0	1.227E-07	0	0	5.496E-07	1.178E-07
	518	394000	3869500	9,933E-08	5.110E-09	2.386E-07	0	9.863E-08	0	0	4.417E-07	9.465E-08
	519	394500	3869500	7.605E-08	3.910E-09	1.826E-07	0	7.548E-08	0	0	3.380E-07	7.243E-08
	520	395000	3869500	5.861 E-08	3.017E-09	1.409E-07	0	5.823E-08	0	0	2.608E-07	5.589E-08

					30	nuen Q	10011	wiiiiig		Mother's		Prorated
= 1	corruentare sons	V		1.35 - 1-	Dannel	Cail	Motor	Diont	Animal	Milk	Sum	15/70
Rec	eptor	X	Y	Inhale	Dermal		Water	4.645E-08	Animal		2.079E-07	4.455E-08
	521	395500	3869500	4.662E-08	2,407E-09	1.124E-07	0		0	0	1.660E-07	3.557E-08
	522	396000	3869500	3.725E-08	1.921E-09	8,973E-08	0	3.708E-08	0	0		2.886E-08
	523	396500	3869500	3.026E-08	1.558E-09	7.276E-08	0	3.008E-08	0	0	1.347E-07	2.411E-08
	524	397000	3869500	2.530E-08	1.302E-09	6.080E-08	0	2.514E-08	0	0	1.125E-07	
	525	397500	3869500	2.181E-08	1.123E-09	5.242E-08	0	2.167E-08	0	0	9.702E-08	2.079E-08
	526	398000	3869500	1.951E-08	1.004E-09	4.689E-08	0	1.938E-08	0	0	8.678E-08	1.860E-08
	527	398500	3869500	1.776E-08	9.136E-10	4.266E-08	0	1.764E-08	0	0	7.897E-08	1.692E-08
	528	399000	3869500	1.635E-08	8.415E-10	3.929E-08	0	1.624E-08	0	0	7.272E-08	1.558E-08
	529	399500	3869500	1.517E-08	7.810E-10	3.647E-08	0	1.507E-08	0	0	6.749E-08	1.446E-08
	530	400000	3869500	1.418E-08	7.296E-10	3.407E-08	0	1.408E-08	0	0	6.306E-08	1.351E-08
	531	386000	3870000	2.834E-08	1.506E-09	7.041E-08	0	2.890E-08	0	0	1.292E-07	2.769E-08
	532	386500	3870000	3,399E-08	1.809E-09	8.454E-08	0	3.470E-08	0	0	1.550E-07	3.321E-08
	533	387000	3870000	4.066E-08	2.170E-09	1.014E-07	0	4.162E-08	0	0	1.858E-07	3.981E-08
	534	387500	3870000	4.829E-08	2.575E-09	1.203E-07	0	4.940E-08	0	0	2.206E-07	4.727E-08
	535	388000	3870000	5.766E-08	3.059E-09	1.429E-07	0	5,872E-08	0	0	2.623E-07	5.621E-08
	536	388500	3870000	7.088E-08	3.758E-09	1.756E-07	0	7.217E-08	0	0	3.224E-07	6.909E-08
	537	389000	3870000	8.892E-08	4.685E-09	2.189E-07	0	9.008E-08	0	0	4.026E-07	8.627E-08
	538	391500	3870000	3.129E-07	1.591E-08	7.428E-07	0	3.078E-07	0	0	1.379E-06	2.955E-07
	539	392000	3870000	2.835E-07	1.448E-08	6.761E-07	0	2.798E-07	0	0	1.254E-06	2.687E-07
	540	392500	3870000	2.480E-07	1.281E-08	5.983E-07	0	2.471E-07	0	0	1.106E-06	2.370E-07
	541	393500	3870000	1.379E-07	7.117E-09	3.324E-07	0	1.373E-07	0	0	6.147E-07	1.317E-07
	542	394000	3870000	9,362E-08	4.802E-09	2.242E-07	0	9.274E-08	0	0	4.154E-07	8.901E-08
	543	394500	3870000	6.951E-08	3.576E-09	1.670E-07	0	6.905E-08	0	0	3.091E-07	6.624E-08
	544	395000	3870000	5.187E-08	2.669E-09	1.246E-07	0	5.154E-08	0	0	2.307E-07	4.944E-08
	545	395500	3870000	4.046E-08	2.078E-09	9.705E-08	0	4.014E-08	0	0	1.797E-07	3.851E-08
	546	396000	3870000	3.274E-08	1.681E-09	7.850E-08	0	3.247E-08	0	0	1.454E-07	3.116E-08
	547	396500	3870000	2.761E-08	1.418E-09	6.623E-08	0	2.739E-08	0	0	1.226E-07	2.627E-08
	548	397000	3870000	2.414E-08	1.240E-09	5.792E-08	0	2.395E-08	0	0	1.073E-07	2.299E-08
	549	397500	3870000	2.160E-08	1.110E-09	5.185E-08	0	2.144E-08	0	0	9.600E-08	2.057E-08
	550	398000	3870000	1.961E-08	1.008E-09	4.709E-08	0	1.947E-08	0	0	8.718E-08	1.868E-08
	551	398500	3870000	1.801E-08	9.258E-10	4.323E-08	0	1.787E-08	0	0	8.004E-08	1.715E-08
-	552	399000	3870000	1.666E-08	8.570E-10	4.002E-08	0	1.654E-08	0	0	7.408E-08	1.587E-08
	553	399500	3870000	1.550E-08	7.982E-10	3.727E-08	0	1.540E-08	0	0	6.897E-08	1.478E-08
	554	400000	3870000	1.449E-08	7.470E-10	3.488E-08	0	1.441E-08	0	0	6.453E-08	1.383E-08
	555	386000	3870500	2.498E-08	1.341E-09	6.270E-08	0	2.571E-08	0	0	1.147E-07	2.458E-08
	556	386500	3870500	2.980E-08	1.591E-09	7.438E-08	0	3.052E-08	0	0	1.363E-07	2.921E-08
	557	387000	3870500	3.642E-08	1.940E-09	9.067E-08	0	3.721E-08	0	0	1.662E-07	3.561 E-08
	558	387500	3870500	4.365E-08	2.324E-09	1.086E-07	0	4.459E-08	0	0	1.992E-07	4.269E-08
	559	388000	3870500	5.354E-08	2.855E-09	1.335E-07	0	5.479E-08	0	0	2.447E-07	5.244E-08
	560	388500	3870500	6.753E-08	3.583E-09	1.675E-07	o	6.881E-08	0	0	3.074E-07	6.587E-08
	561	389500	3870500	1.223E-07	6.443E-09	3.010E-07	o	1.240E-07	0	0	5.537E-07	1.187E-07
	562	390000	3870500	2.061E-07	1.077E-08	5.028E-07	0	2.075E-07	o	0	9.272E-07	1.987E-07
	563	391500	3870500	5.935E-07	3.023E-08	1.411E-06	o	5.845E-07	0	0	2.619E-06	5.612E-07
	564	392000	3870500	7.055E-07	3.699E-08	1.728E-06	Ö	7.112E-07	o	0	3.182E-06	6.819E-07
		392500	3870500	6.201E-07	3.277E-08	1.532E-06	ŏ	6.292E-07	o	0	2.814E-06	6.030E-07
	565 566	393500	3870500	1.373E-07	7.069E-09	3.301E-07	Ö	1.364E-07	o	0	6.109E-07	1.309E-07
		394000	3870500	8.725E-08	4.487E-09	2.095E-07	o	8.664E-08		0	3.879E-07	8.312E-08
	567			6.086E-08	3.122E-09	1.458E-07	0	6.029E-08	10.25	Ö	2.701E-07	5.788E-08
	568	394500	3870500 3870500		2.327E-09	1.430E-07	o	4.495E-08		o	2.014E-07	4.316E-08
	569	395000		4.541E-08						0	1.630E-07	3.493E-08
	570	395500	3870500	3,675E-08	1.884E-09	8.798E-08	0	3.639E-08		0	1.030E-07	2.979E-08
	571	396000	3870500	3.132E-08	1.607E-09	7.504E-08	0	3.103E-08	0			2.621E-08
	572	396500	3870500	2.756E-08	1.414E-09	6.604E-08	0	2.731E-08		0	1.223E-07	2.338E-08
	573	397000	3870500	2.457E-08	1.261E-09	5.890E-08	0	2.436E-08		0	1.091E-07	
	574	397500	3870500	2.219E-08	1.141E-09	5.326E-08	0	2.202E-08		0	9.861E-08	2.113E-08
	575	398000	3870500	2.013E-08	1.036E-09	4.840E-08	0	2.001E-08		0	8.958E-08	1.920E-08
	576	398500	3870500	1.826E-08	9.418E-10	4.398E-08	0	1.818E-08		0	8.136E-08	1.743E-08
	577	399000	3870500	1.654E-08	8.543E-10	3.990E-08	0	1.649E-08		0	7.378E-08	1.581E-08
	578	399500	3870500	1.498E-08	7.747E-10	3.618E-08	0	1.495E-08		0	6.688E-08	1.433E-08
	579	400000	3870500	1.360E-08	7.036E-10	3.286E-08	0	1.358E-08		0	6.074E-08	1.302E-08
	580	386000	3871000	2.086E-08	1.125E-09	5.258E-08	0	2.155E-08		0	9.612E-08	2.060E-08
	581	386500	3871000	2.465E-08	1.335E-09	6.243E-08	0	2.558E-08		0	1.140E-07	2.443E-08
):	582	387000	3871000	2.913E-08	1.574E-09	7.359E-08	0	3.017E-08	F) (32)	0	1.345E-07	2.882E-08
1	583	387500	3871000	3.557E-08	1.906E-09	8.909E-08	0	3.655E-08		0	1.631E-07	3.495E-08
	584	388000	3871000	4.603E-08	2.453E-09	1.146E-07	0	4.706E-08		0	2.101E-07	4.502E-08
	585	388500	3871000	6.029E-08	3.213E-09	1.502E-07	0	6.166E-08	0	0	2.754E-07	5.901E-08

					G	Jiuen Wi	Jeen	willing		Mother's		Prorated
	000000000000000000000000000000000000000			labala	Darmal	Call	Water	Diant	Animal	Milk	Sum	15/70
_Re	ceptor	389500	3871000	Inhale 1.197E-07	Dermal 6,340E-09	2.963E-07	vvater 0	1.219E-07	0	0	5.442E-07	1.166E-07
	586	390000	3871000	2.085E-07	1.092E-08	5.100E-07	0	2.104E-07	o	0	9.398E-07	2.014E-07
	587 588	392500	3871000	5.935E-07	3.107E-08	1.452E-06	ő	5.973E-07	ŏ	Ö	2.674E-06	5.730E-07
	589	393500	3871000	1.404E-07	7.300E-09	3.410E-07	Ö	1.406E-07	ŏ	Ö	6.293E-07	1.349E-07
	590	394000	3871000	7.121E-08	3.639E-09	1.699E-07	ő	7.031E-08	o	ō	3.151E-07	6.752E-08
	591	394500	3871000	5,349E-08	2.737E-09	1.278E-07	ō	5.288E-08	ō	ō	2.369E-07	5.076E-08
	592	395000	3871000	4.340E-08	2.222E-09	1.038E-07	ō	4.293E-08	0	Ō	1.924E-07	4.123E-08
	593	39550 0	3871000	3.651E-08	1.873E-09	8.744E-08	o	3.617E-08	ō	ō	1.620E-07	3.471E-08
	594	396000	3871000	3.127E-08	1.608E-09	7.509E-08	Ö	3.106E-08	ō	ō	1.390E-07	2.979E-08
	595	396500	3871000	2.703E-08	1.393E-09	6,504E-08	o	2.689E-08	o	ō	1.204E-07	2.580E-08
	596	397000	3871000	2.345E-08	1.210E-09	5.652E-08	o	2.337E-08	Ö	0	1.045E-07	2.239E-08
	590 597	397500	3871000	2.046E-08	1.057E-09	4.935E-08	o	2.040E-08	ŏ	Ö	9.127E-08	1.956E-08
	598	398000	3871000	1.799E-08	9.302E-10	4.344E-08	ő	1.795E-08	ō	ō	8,031E-08	1.721E-08
	599	398500	3871000	1.595E-08	8.248E-10	3.852E-08	Ö	1.592E-08	o	ŏ	7.121E-08	1.526E-08
	600	399000	3871000	1.431E-08	7.401E-10	3.456E-08	o	1.428E-08	o	ō	6.389E-08	1.369E-08
	601	399500	3871000	1.293E-08	6.680E-10	3.120E-08	o	1.289E-08	ō	Ö	5.769E-08	1.236E-08
	602	400000	3871000	1.182E-08	6.101E-10	2.849E-08	ō	1.178E-08	ō	ō	5.270E-08	1.129E-08
	603	386000	3871500	1.765E-08	9.373E-10	4.381E-08	o	1.799E-08	ŏ	Ö	8.039E-08	1.723E-08
	604	386500	3871500	2.056E-08	1.093E-09	5.111E-08	o	2,098E-08	ō	ŏ	9.374E-08	2.009E-08
	605	387000	3871500	2,490E-08	1.327E-09	6.202E-08	ō	2.545E-08	ō	ō	1,137E-07	2,436E-08
	606	387500	3871500	3.040E-08	1.626E-09	7.599E-08	o	3,118E-08	0	ō	1,392E-07	2.983E-08
	607	388000	3871500	3.792E-08	2.043E-09	9.549E-08	ō	3,916E-08	0	ō	1.746E-07	3.741E-08
	608	388500	3871500	4.968E-08	2.683E-09	1.254E-07	ő	5.144E-08	o	Ö	2.292E-07	4.911E-08
	609	389000	3871500	7.126E-08	3.811E-09	1.781E-07	Ö	7.313E-08	ō	õ	3.263E-07	6.992E-08
	610	393000	3871500	1,776E-07	9.103E-09	4.250E-07	0	1.758E-07	o	ō	7.875E-07	1.688E-07
	611	393500	3871500	9.197E-08	4.705E-09	2,197E-07	Ö	9.091E-08	ō	Ö	4.073E-07	8.728E-08
	612	394000	3871500	6.366E-08	3.268E-09	1,526E-07	O	6,313E-08	ō	ŏ	2.827E-07	6.058E-08
	613	394500	3871500	4.886E-08	2.515E-09	1.174E-07	o	4.857E-08	Ō	ō	2.173E-07	4.656E-08
	614	395000	3871500	3.892E-08	2.006E-09	9.365E-08	0	3.872E-08	0	ō	1.733E-07	3.714E-08
	615	395500	3871500	3.176E-08	1.636E-09	7.641E-08	0	3.159E-08	0	Ö	1.414E-07	3.030E-08
	616	396000	3871500	2.670E-08	1.375E-09	6,419E-08	ō	2.654E-08	0	Ō	1.188E-07	2,546E-08
1	617	396500	3871500	2.292E-08	1.179E-09	5.503E-08	Ö	2.275E-08	0	ō	1.019E-07	2.184E-08
	618	397000	3871500	2.012E-08	1.033E-09	4.825E-08	O	1.995E-08	0	Ō	8.935E-08	1.915E-08
	619	397500	3871500	1.796E-08	9.220E-10	4.305E-08	ō	1.780E-08	0	Ō	7.973E-08	1.709E-08
	620	398000	3871500	1.626E-08	8,345E-10	3.897E-08	0	1.611E-08	0	Ō	7.217E-08	1.547E-08
	621	398500	3871500	1.488E-08	7.636E-10	3.566E-08	O	1.474E-08	ō	ō	6.604E-08	1.415E-08
	622	399000	3871500	1.371E-08	7.036E-10	3.286E-08	o	1.359E-08	ō	ŏ	6.086E-08	1.304E-08
	623	399500	3871500	1.275E-08	6.543E-10	3.055E-08	ō	1.263E-08	0	Ŏ	5.658E-08	1.212E-08
	624	400000	3871500	1,220E-08	6.275E-10	2.930E-08	o	1.211E-08	0	ō	5.424E-08	1.162E-08
	625	386000	3872000	1.579E-08	8.475E-10	3.962E-08	Ö	1.625E-08	o	ō	7.251E-08	1.554E-08
	626	386500	3872000	1,751E-08	9.396E-10	4.392E-08	Ö	1.802E-08	o	ō	8.039E-08	1.723E-08
	627	387000	3872000	1.965E-08	1.053E-09	4.922E-08	Ö	2.020E-08	0	ō	9.012E-08	1.931E-08
	628	387500	3872000	2.299E-08	1,229E-09	5.744E-08	o	2,358E-08	o	ő	1.052E-07	2.254E-08
	629	388000	3872000	2.863E-08	1.528E-09	7.140E-08	0	2.932E-08	o	Ö	1,309E-07	2.805E-08
	630	388500	3872000	3.850E-08	2.051E-09	9.586E-08	Ö	3.937E-08	ō	Ö	1.758E-07	3.767E-08
	631	389000	3872000	5.569E-08	2.963E-09	1.385E-07	o	5.688E-08	ō	ő	2.540E-07	5.443E-08
	632	389500	3872000	9.201E-08	4.905E-09	2.292E-07	0	9.416E-08	ő	0	4.203E-07	9.006E-08
	633	393000	3872000	1.159E-07	5,901E-09	2.755E-07	o	1.141E-07	o	0	5.114E-07	1.096E-07
	634	393500	3872000	7.149E-08	3.650E-09	1.704E-07	Ö	7.055E-08	Ö	0	3.161E-07	6.774E-08
	635	394000	3872000	5.286E-08	2.705E-09	1.263E-07	o	5.226E-08	ő	Ö	2.341E-07	5.016E-08
						9.959E-08	o	4.120E-08	Ö	0	1.845E-07	3.954E-08
	636	394500 395000	3872000	4.160E-08	2.133E-09 1.754E-09	8.188E-08	0	3.387E-08	ő	0	1.543E-07	3.251E-08
	637		3872000	3,415E-08			o	2.884E-08	o	0	1.291E-07	2.766E-08
	638 639	395500 396000	3872000 3872000	2.905E-08 2.516E-08	1.493E-09 1.295E-09	6.974E-08 6.046E-08	0	2.500E-08	ő	0	1.119E-07	2.700E-08 2.398E-08
					1.137E-09			2.300E-08	ő	0	9.823E-08	2.105E-08
	640	396500	3872000	2.207E-08		5.308E-08	0	1.950E-08	0	0	8,729E-08	1.871E-08
	641	397000	3872000	1.960E-08	1,010E-09	4.718E-08	0	1.755E-08	0	0	7.855E-08	1.683E-08
	642	397500	3872000	1,763E-08	9.093E-10	4.246E-08	0		0	0	7.055E-06 7.123E-08	1,526E-08
	643	398000	3872000	1.598E-08	8.246E-10	3.851E-08		1.592E-08				1,326E-08
	644	398500	3872000	1.460E-08	7.537E-10	3.520E-08	0	1.454E-08	0	0	6.509E-08	
	645	399000	3872000	1.341E-08	6.926E-10	3,234E-08	0	1.337E-08	0	0	5.981E-08	1.282E-08
	646	399500	3872000	1.243E-08	6.424E-10	3.000E-08	0	1.240E-08	0	0	5.547E-08	1.189E-08
.)	647	400000	3872000	1.155E-08	5.970E-10	2.788E-08	0	1.152E-08	0	0	5.155E-08	1.105E-08
	648	386000	3872500	1.297E-08	6,955E-10	3.251E-08	0	1.334E-08	0	0	5.952E-08 6.661E-08	1.275E-08 1.427E-08
	649	386500	3872500	1.452E-08	7.782E-10	3.638E-08	0	1,493E-08	0			
	650	387000	3872500	1.650E-08	8.825E-10	4.125E-08	0	1.693E-08	0	0	7.556E-08	1.619E-08

					O.	Jideli Qi	ucen	wiiiiiig		Mathada		Drarated
		~	V	Inhale	Dormal	Sail	Water	Dlant	Animal	Mother's Milk	Sum	Prorated 15/70
Rec	eptor	387500	3872500	1.914E-08	<u>Dermal</u> 1.021E-09	4.770E-08	vvaler 0	1.959E-08	Animai 0	0	8.745E-08	1.874E-08
	651		3872500	2.315E-08	1.231E-09	5.751E-08	o	2.363E-08	0	0	1.055E-07	2.261 E-08
	652	388000 388500	3872500	2.878E-08	1.526E-09	7.131E-08	0	2.931E-08	o	0	1.309E-07	2.805E-08
	653			3.834E-08	2.033E-09	9.500E-08	0	3.905E-08	0	0	1.744E-07	3.737E-08
	654	389000	3872500 3872500							0	2.652E-07	5.683E-08
	655	389500		5.850E-08	3.088E-09	1.443E-07	0	5.935E-08 2.381E-07	0	0	1.068E-06	2.289E-07
	656	392000	3872500	2.411E-07	1.233E-08	5.760E-07	0		0			
	657	392500	3872500	1.545E-07	7.858E-09	3.669E-07	0	1.519E-07	0	0	6.812E-07	1.460E-07
	658	393000	3872500	9.193E-08	4.681E-09	2.185E-07	0	9.050E-08	0	0	4.056E-07	8.691E-08
	659	393500	3872500	6.103E-08	3.119E-09	1.456E-07	0	6.027E-08	0	0	2.700E-07	5.786E-08
	660	394000	3872500	4.498E-08	2.308E-09	1.078E-07	0	4.458E-08	0	0	1.997E-07	4.279E-08
	661	394500	3872500	3.546E-08	1.825E-09	8.523E-08	0	3.524E-08	0	0	1.578E-07	3.381E-08
	662	395000	3872500	2.921E-08	1.506E-09	7.033E-08	0	2.907E-08	0	0	1.301E-07	2.788E-08
	663	395500	3872500	2.493E-08	1.287E-09	6.009E-08	0	2.484E-08	0	0	1.111E-07	2.381E-08
	664	396000	3872500	2.294E-08	1.189E-09	5.555E-08	0	2.294E-08	0	0	1.026E-07	2.199E-08
	665	396500	3872500	1.969E-08	1.021E-09	4.767E-08	0	1.969E-08	0	0	8.807E-08	1.887E-08
	666	397000	3872500	1.697E-08	8.781E-10	4.101E-08	0	1.694E-08	0	0	7.580E-08	1.624E-08
	667	397500	3872500	1.527E-08	7.908E-10	3.693E-08	0	1.526E-08	0	0	6.825E-08	1.463E-08
	668	398000	3872500 3872500	1.385E-08	7.175E-10	3.351E-08	0	1.384E-08	0	0	6.192E-08 5.664E-08	1.327E-08
	669	398500		1.266E-08	6,565E-10	3.066E-08 2.829E-08	0	1.266E-08	0			1.214E-08
	670	399000	3872500	1.168E-08	6.058E-10		0	1.169E-08	0	0	5.227E-08	1.120E-08
	671	399500	3872500 3872500	1.085E-08	5.628E-10	2.628E-08	0	1.086E-08	0	0	4.855E-08	1.040E-08
	672	400000		1.013E-08	5.254E-10	2.454E-08	0	1.013E-08	0	0	4.533E-08	9.714E-09
	673	386000	3873000	1.154E-08	6.170E-10	2.884E-08	0	1.184E-08	0	0	5.284E-08	1.132E-08
	674	386500	3873000	1.291E-08	6.907E-10	3.228E-08 3.666E-08	0	1.325E-08	0	0	5.913E-08	1.267E-08
	675 676	387000 387500	3873000 3873000	1.471E-08 1.723E-08	7.845E-10 9.123E-10	4.264E-08	0	1.506E-08 1.752E-08	0	0	6.721E-08 7.830E-08	1.440E-08 1.678E-08
	677	388000	3873000	2.066E-08	1.089E-09	5.088E-08	o	2.092E-08	o	0	9.355E-08	2.005E-08
	678	388500	3873000	2.610E-08	1.387E-09	6.483E-08	o	2.665E-08	ő	0	1.190E-07	2.550E-08
	679	389000	3873000	3.514E-08	1.865E-09	8.716E-08	0	3.583E-08	0	0	1.600E-07	3.429E-08
		389500	3873000	4.773E-08	2.530E-09	1.182E-07	0	4.863E-08	0	0	2.171E-07	4.652E-08
	680 681	390000	3873000	9.117E-08	4.791E-09	2.239E-07	0	9.215E-08	0	0	4.120E-07	8.829E-08
. 1	682	390500	3873000	1.714E-07	9,292E-09	4.343E-07	o	1.783E-07	o	0	7.933E-07	1.700E-07
	683	391000	3873000	1.801E-07	9.828E-09	4.594E-07	o	1.887E-07	ő	0	8.380E-07	1.796E-07
	684	391500	3873000	1.721E-07	9.015E-09	4.211E-07	0	1.736E-07	ō	ō	7.758E-07	1.662E-07
	685	392500	3873000	1.118E-07	5.718E-09	2.670E-07	0	1.104E-07	0	Ō	4.949E-07	1.061E-07
	686	393000	3873000	7.864E-08	4.019E-09	1.877E-07	0	7.766E-08	0	Ō	3.480E-07	7.457E-08
	687	393500	3873000	5.667E-08	2,903E-09	1.356E-07	0	5.609E-08	0	0	2.513E-07	5.385E-08
	688	394000	3873000	4.242E-08	2.176E-09	1.016E-07	0	4.203E-08	0	0	1.882E-07	4.033E-08
	689	394500	3873000	3.321E-08	1,706E-09	7.965E-08	0	3.295E-08	0	0	1.475E-07	3,161E-08
	690	395000	3873000	2.761E-08	1.418E-09	6.621E-08	0	2.738E-08	0	0	1.226E-07	2.627E-08
	691	395500	3873000	2.352E-08	1.208E-09	5.640E-08	0	2.332E-08	0	0	1.044E-07	2.237E-08
	692	396000	3873000	2.037E-08	1.046E-09	4.887E-08	0	2.020E-08	0	0	9.049E-08	1.939E-08
	693	396500	3873000	1.814E-08	9.321E-10	4.353E-08	0	1.799E-08	0	0	8.059E-08	1.727E-08
	694	397000	3873000	1.615E-08	8.303E-10	3.877E-08	0	1.603E-08	0	0	7.178E-08	1.538E-08
	695	397500	3873000	1.447E-08	7.445E-10	3.477E-08	0	1.437E-08	0	0	6.435E-08	1.379E-08
	696	398000	3873000	1.313E-08	6.763E-10	3.158E-08	0	1.305E-08	0	0	5.844E-08	1.252E-08
	697	398500	3873000	1.198E-08	6.177E-10	2.885E-08	0	1.192E-08	0	0	5.337E-08	1.144E-08
	698	399000	3873000	1.096E-08	5.661E-10	2.644E-08	0	1.092E-08	0	0	4.889E-08	1.048E-08
	699	399500	3873000	1.008E-08	5.214E-10	2.435E-08	0	1.006E-08	0	0	4.501E-08	9.645E-09
	700	400000	3873000	1.025E-08	5.336E-10	2.493E-08	0	1.028E-08	0	0	4.599E-08	9.855E-09
	701	386000	3873500	1.159E-08	6.128E-10	2.864E-08	0	1.177E-08	0	0	5.261E-08	1.127E-08
	702	386500	3873500	1.329E-08	7.031E-10	3.286E-08	0	1.350E-08	0	0	6.035E-08	1.293E-08
	703	387000	3873500	1.561E-08	8.331E-10	3.894E-08	0	1.599E-08	0	0	7.137E-08	1.529E-08
	704	387500	3873500	1.814E-08	9.704E-10	4.536E-08	0	1.862E-08	0	0	8.309E-08	1.781E-08
	705	388000	3873500	2.102E-08	1.121E-09	5.238E-08	0	2.151E-08	0	0	9.603E-08	2.058E-08
	706	388500	3873500	2.464E-08	1.314E-09	6.142E-08	0	2.523E-08	0	0	1.126E-07	2.413E-08
	707	389000	3873500	2.943E-08	1.558E-09	7.280E-08	0	2.994E-08	0	0	1.337E-07	2.865E-08
	708	389500	3873500	4.236E-08	2.227E-09	1.040E-07	0	4.282E-08	0	0	1.914E-07	4.101E-08
	709	390000	3873500	7,599E-08	4.039E-09	1.887E-07	0	7.760E-08	0	0	3.463E-07	7.421E-08
	710	390500	3873500	1.157E-07	6.221E-09	2.908E-07	0	1.195E-07	0	0	5.322E-07	1.140E-07
	711	391000	3873500	1.318E-07	7.025E-09	3.283E-07	0	1.350E-07	0	0	6.021E-07	1.290E-07
1	712	391500	3873500	1.271E-07	6.662E-09	3.112E-07	0	1.283E-07	0	0	5.733E-07	1.229E-07
1	713	392500	3873500	9.222E-08	4.766E-09	2.226E-07	0	9.193E-08	0	0	4.115E-07	8.818E-08
	714	393000	3873500	6.940E-08	3.565E-09	1.665E-07	0	6.882E-08	0	0	3.083E-07	6.606E-08
	715	393500	3873500	5.260E-08	2.703E-09	1.262E-07	0	5.219E-08	0	0	2.337E-07	5.008E-08

					0.	Jideli Q	40011	9		Mother's		Prorated
Red	ceptor	X	Υ	Inhale	Dermal	Soil	Water	Plant	Animal	Milk	Sum	15/70
	716	394000	3873500	4.183E-08	2.138E-09	9.982E-08	0	4.130E-08	0	0	1.851E-07	3.966E-08
	717	394500	3873500	3.245E-08	1.664E-09	7.767E-08	0	3.213E-08	0	0	1.439E-07	3.084E-08
	718	395000	3873500	2.659E-08	1.369E-09	6.391E-08	0	2.643E-08	0	0	1.183E-07	2.535E-08
	719	395500	3873500	2.221E-08	1.144E-09	5.344E-08	0	2.209E-08	0	0	9.888E-08	2.119E-08
	720	396000	3873500	1.932E-08	9.962E-10	4.652E-08	0	1.923E-08	0	0	8.607E-08	1.844E-08
	721	396500	3873500	1.719E-08	8.867E-10	4.141E-08	0	1.711E-08	0	0	7.660E-08	1.641E-08
	722	397000	3873500	1.537E-08	7.930E-10	3.703E-08	0	1.530E-08	0	0	6.849E-08	1.468E-08
	723	397500	3873500	1.395E-08	7.194E-10	3.360E-08	0	1.388E-08	0	0	6.215E-08	1.332E-08
	724	398000	3873500	1.286E-08	6.627E-10	3.095E-08	0	1.279E-08	0	0	5.726E-08	1.227E-08
	725	398500	3873500	1.188E-08	6,118E-10	2.857E-08	0	1.181E-08	0	0	5.287E-08	1.133E-08 1.051E-08
	726	399000	3873500	1.102E-08	5.674E-10	2.650E-08	0	1.095E-08 1.013E-08	0	0	4.904E-08 4.536E-08	9.720E-09
	727	399500	3873500	1.020E-08	5.248E-10	2.451E-08 2.268E-08	0	9.373E-09	0	o	4.330E-08	8.994E-09
	728	400000 386000	3873500 3874000	9.434E-09 1.313E-08	4.857E-10 7.017E-10	3.280E-08	Ö	1.346E-08	ő	0	6.009E-08	1.288E-08
	729 730	386500	3874000	1.445E-08	7.017E-10 7.714E-10	3.605E-08	ő	1.480E-08	o	o	6.607E-08	1.416E-08
	731	387000	3874000	1.572E-08	8.397E-10	3.925E-08	ő	1.611E-08	ő	ő	7.192E-08	1.541E-08
	732	387500	3874000	1.729E-08	9.272E-10	4.334E-08	Ö	1.779E-08	ő	ō	7.935E-08	1.700E-08
	733	388000	3874000	1.853E-08	9.876E-10	4.616E-08	ő	1.895E-08	ō	Ō	8.463E-08	1.814E-08
	734	388500	3874000	2.116E-08	1.123E-09	5.249E-08	ō	2.158E-08	0	0	9.635E-08	2.065E-08
	735	389000	3874000	2.619E-08	1.380E-09	6,450E-08	0	2.653E-08	0	0	1.186E-07	2.541 E-08
	736	389500	3874000	4.120E-08	2.191E-09	1.024E-07	0	4.209E-08	0	0	1.879E-07	4.026E-08
	737	390000	3874000	6.643E-08	3.521E-09	1.645E-07	0	6.765E-08	0	0	3.021 E-07	6.474E-08
	738	390500	3874000	8.969E-08	4.789E-09	2.238E-07	0	9.200E-08	0	0	4.103E-07	8.792E-08
	739	391000	3874000	9.904E-08	5.230E-09	2.444E-07	0	1.006E-07	0	0	4.493E-07	9.628E-08
	740	391500	3874000	9.963E-08	5.260E-09	2.457E-07	0	1.012E-07	0	0	4.518E-07	9.681E-08
	741	392500	3874000	7.879E-08	4.093E-09	1.912E-07	0	7,888E-08	0	0	3.530E-07	7.564E-08
	742	393000	3874000	7.398E-08	3.860E-09	1.803E-07	0	7.432E-08	0	0	3.325E-07	7.125E-08
	743	393500	3874000	5.271E-08	2.731E-09	1.276E-07	0	5.265E-08	0	0	2.357E-07	5.051E-08
	744	394000	3874000	3.906E-08	2.008E-09	9.376E-08	0	3.876E-08	0	0	1.736E-07	3.720E-08
1	745	394500	3874000	3.247E-08	1.671E-09	7.803E-08	0	3.226E-08	0	0	1.444E-07	3.094E-08
	746	395000	3874000	2.640E-08	1.352E-09	6.315E-08	0	2.612E-08	0	0	1.170E-07	2.507E-08
	747	395500	3874000	2.214E-08	1.133E-09	5,291E-08	0	2.189E-08	0	0	9.807E-08	2.102E-08
	748	396000	3874000	1.901E-08	9.777E-10	4.566E-08	0	1.888E-08	0	0	8.453E-08	1.811E-08
	749	396500	3874000	1.647E-08	8.510E-10	3.974E-08	0	1.642E-08	0	0	7.348E-08 6.552E-08	1.575E-08 1.404E-08
	750	397000	3874000	1.468E-08	7.589E-10	3.544E-08	0	1.464E-08 1.329E-08	0	0	5.945E-08	1.404E-08
	751	397500	3874000	1.332E-08	6.885E-10	3.215E-08	0		0	0	5.420E-08	1.161E-08
	752 753	398000	3874000	1.214E-08	6.279E-10 5.799E-10	2.932E-08 2.708E-08	0	1.211E-08 1.119E-08	0	0	5.006E-08	1.073E-08
	753 754	398500 399000	3874000 3874000	1.121E-08 1.054E-08	5.455E-10	2.708E-08	0	1.052E-08	0	0	4.709E-08	1.009E-08
	755	399500	3874000	1.054E-08	5.517E-10	2.577E-08	0	1.063E-08	o	0	4.758E-08	1.020E-08
	756	400000	3874000	9.437E-09	4.875E-10	2.277E-08	ő	9.404E-09	o	o	4.210E-08	9.021E-09
	757	386000	3874500	1.316E-08	7.020E-10	3.281E-08	ō	1.347E-08	o	ō	6.014E-08	1.289E-08
	758	386500	3874500	1.402E-08	7.501E-10	3.506E-08	Ö	1.439E-08	0	0	6.422E-08	1.376E-08
	759	387000	3874500	1.420E-08	7.605E-10	3.554E-08	ō	1.459E-08	o	Ō	6.509E-08	1.395E-08
	760	387500	3874500	1.479E-08	7.898E-10	3.691E-08	Ō	1.516E-08	0	0	6.765E-08	1.450E-08
	761	388000	3874500	1.638E-08	8.731E-10	4.080E-08	0	1.676E-08	0	0	7.481E-08	1.603E-08
	762	388500	3874500	1.913E-08	1.012E-09	4.728E-08	0	1.944E-08	0	0	8.686E-08	1.861E-08
	763	389000	3874500	2.785E-08	1.473E-09	6.881E-08	0	2.829E-08	0	0	1.264E-07	2.709E-08
	764	389500	3874500	3.913E-08	2.075E-09	9.695E-08	0	3.986E-08	0	0	1.780E-07	3.814E-08
	765	390000	3874500	5.840E-08	3.096E-09	1.447E-07	0	5.949E-08	0	0	2.657E-07	5.694E-08
	766	390500	3874500	7.451E-08	3.968E-09	1.854E-07	0	7.622E-08	0	0	3.401 E-07	7.288E-08
	767	391000	3874500	7.914E-08	4.164E-09	1.946E-07	0	8.009E-08	0	0	3.580E-07	7.671E-08
	768	391500	3874500	7.895E-08	4.153E-09	1.940E-07	0	7.990E-08	0	0	3.570E-07	7.650E-08
	769	392000	3874500	7.476E-08	3.911E-09	1.827E-07	0	7.530E-08	0	0	3.367E-07	7.215E-08
	770	392500	3874500	6.982E-08	3.643E-09	1.702E-07	0	7.014E-08	0	0	3.138E-07	6.724E-08
	771	393000	3874500	6.905E-08	3.629E-09	1.695E-07	0	6,979E-08	0	0	3.120E-07	6.686E-08
	772	393500	3874500	4.574E-08	2.371E-09	1.108E-07	0	4.571E-08	0	0	2.046E-07	4.384E-08
	773	394000	3874500	3.726E-08	1.930E-09	9.016E-08	0	3.723E-08	0	0	1.666E-07	3.570E-08
	774	394500	3874500	3.135E-08	1.614E-09	7.540E-08	0	3.115E-08	0	0	1.395E-07	2.989E-08
	775	395000	3874500	2.648E-08	1.361E-09	6.358E-08	0	2.628E-08	0	0	1.177E-07	2.522E-08
	776	395500	3874500	2.235E-08	1.152E-09	5.379E-08	0	2.223E-08	0	0	9.952E-08	2.133E-08
)	777	396000	3874500	1.903E-08	9.787E-10	4.570E-08	0	1.890E-08	0	0	8.461E-08	1.813E-08
	778	396500	3874500	1.663E-08	8.523E-10	3.980E-08	0	1.646E-08	0	0	7.374E-08	1.580E-08
	779 780	397000	3874500	1.461E-08	7.503E-10	3,503E-08	0	1.448E-08 1.296E-08	0	0	6.487E-08 5.802E-08	1.390E-08 1.243E-08
	780	397500	3874500	1.302E-08	6.717E-10	3.137E-08	U	1.2306-00	U	U	J.002L-00	1,2706-00

					<u> </u>	JIGOII G	40011					
)							_		Mother's		Prorated
	Receptor	X	Y	Inhale	Dermal	Soil	Water	Plant	Animal	Milk	Sum	15/70
- 1	781	398000	3874500	1.186E-08	6.139E-10	2.867E-08	0	1.184E-08	0	0	5.298E-08	1.135E-08
	782	398500	3874500	1.083E-08	5.617E-10	2.623E-08	0	1.083E-08	0	0	4.845E-08	1.038E-08
	783	399000	3874500	1.009E-08	5.236E-10	2.446E-08	0	1.010E-08	0	0	4.517E-08	9.679E-09
	784	399500	3874500	1.083E-08	5.663E-10	2.646E-08	0	1.091E-08	0	0	4.877E-08	1.045E-08
	785	400000	3874500	8.767E-09	4.544E-10	2.122E-08	0	8.762E-09		0	3.920E-08	8.400E-09
	786	386000	3875000	1.215E-08	6.509E-10	3.043E-08	0	1.248E-08	0	0	5.571E-08	1.194E-08
	787	386500	3875000	1.215E-08	6.474E-10	3.026E-08	0	1.242E-08		0	5.548E-08	1.189E-08
	788	387000	3875000	1.204E-08	6.439E-10	3.010E-08	0	1.235E-08	0	0	5.513E-08	1.181E-08
	789	387500	3875000	1.350E-08	7.224E-10	3.377E-08	0	1.386E-08	0	0	6.185E-08	1.325E-08
	790	388000	3875000	1.518E-08	8.056E-10	3.765E-08	0	1.547E-08		0	6.911E-08	1.481E-08
	791	388500	3875000	2.029E-08	1.075E-09	5.022E-08	0	2.064E-08	0	0	9.223E-08	1.976E-08
	792	389000	3875000	2.736E-08	1.465E-09	6.845E-08	0	2.812E-08		0	1.254E-07	2.687E-08
	793	389500	3875000	3.759E-08	1.991E-09	9.305E-08	0	3.825E-08		0	1.709E-07	3.662E-08
	794	390000	3875000	5.295E-08	2.818E-09	1.317E-07	0	5,413E-08		0	2.416E-07	5.177E-08
	795	390500	3875000	6.297E-08	3.348E-09	1.564E-07	0	6.432E-08		0	2.870E-07	6.150E-08
	796	391000	3875000	6.527E-08	3.432E-09	1.604E-07	0	6.601E-08		0	2.951E-07	6.324E-08
	797	391500	3875000	6.416E-08	3.369E-09	1.574E-07	0	6.482E-08		0	2.897E-07	6.208E-08
	798	392000	3875000	6.170E-08	3.239E-09	1.513E-07	0	6.235E-08		0	2.786E-07	5.970E-08
	799	392500	3875000	5.868E-08	3,061E-09	1.430E-07	0	5.895E-08		0	2.637E-07	5.651E-08
	800	393000	3875000	5.215E-08	2.715E-09	1.268E-07	0	5.230E-08		0	2.340E-07	5.014E-08
	801	393500	3875000	4.334E-08	2.257E-09	1.054E-07	0	4.347E-08		0	1.945E-07	4.168E-08
	802	394000	3875000	3.571E-08	1.857E-09	8.676E-08	0	3.579E-08		0	1.601E-07	3.431E-08
	803	394500	3875000	3.006E-08	1.557E-09	7.271E-08	0	3.002E-08		0	1.343E-07	2.878E-08
	804	395000	3875000	2.610E-08	1.350E-09	6.307E-08	0	2.605E-08		0	1.166E-07	2.499E-08
	805	395500	3875000	2.232E-08	1.149E-09	5.365E-08	0	2.217E-08		0	9.929E-08	2.128E-08
	806	396000	3875000	1.920E-08	9.879E-10	4.613E-08	0	1,907E-08		0	8.539E-08	1.830E-08
	807	396500	3875000	1.659E-08	8.562E-10	3.998E-08	0	1.652E-08		0	7.395E-08	1.585E-08
	808	397000	3875000	1.480E-08	7.631E-10	3.564E-08	0	1.473E-08		0	6,593E-08	1.413E-08
	809	397500	3875000	1.312E-08	6.744E-10	3.149E-08	0	1.302E-08		0	5.830E-08	1.249E-08
	810	398000	3875000	1.175E-08	6.036E-10	2.819E-08	0	1.165E-08		0	5.219E-08	1.118E-08
	J 811	398500	3875000	1.077E-08	5.546E-10	2.590E-08	0	1.070E-08		0	4.792E-08	1.027E-08
	812	399000	3875000	9.933E-09	5.135E-10	2.398E-08	0	9.905E-09		0	4.433E-08	9.499E-09
	813	399500	3875000	9.154E-09	4.749E-10	2.218E-08	0	9.159E-09		0	4.097E-08	8.779E-09
	814	400000	3875000	8.425E-09	4.380E-10	2.046E-08	0	8.446E-09	0	0	3.777E-08	8.094E-09

*** 70-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH	0.000E+00 2.834E-06 0.000E+00 2.664E-07 1.334E-07 7.789E-07 0.000E+00 1.441E-08 6.751E-09 0.000E+00	0.000E+00 8.041E-08 0.000E+00 2.648E-08 0.000E+00 1.287E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.800E-06 0.000E+00 1.251E-06 0.000E+00 6.081E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.584E-06 0.000E+00 4.891E-07 0.000E+00 2.447E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 8.298E-06 0.000E+00 2.035E-06 1.334E-07 7.887E-07 0.000E+00 1.441E-09 6.751E-09 0.000E+00
Se	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SUM	4.036E-06	1.082E-07	5.057E-06	0.000E+00	2.075E-06	0.000E+00	0.000E+00	1.128E-05

RECEPTOR RISK OF 1.128E-05 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1.128E-05 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

*** 70-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

SOURCE	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
1	2.071E-10	5.772E-12	2.699E-10 5.089E-10	0.000E+00 0.000E+00	1.104E-10 2.082E-10	0.000E+00 0.000E+00	0.000E+00 0.000E+00	5.932E-10 1.118E-09
2 3	3.904E-10 1.438E-09	1.088E-11 4.009E-11	1.875E-09	0.000E+00	7.672E-10	0.000E+00	0.000E+00	4.120E-09
4	1.756E-09	4.894E-11	2,289E-09	0.000E+00	9.366E-10	0.000E+00	0.000E+00	5.030E-09
5	1.628E-09	4.538E-11	2.122E-09	0.000E+00	8.684E-10	0.000E+00	0.000E+00	4.664E-09
6	6.464E-10	1.802E-11	8.425E-10	0.000E+00	3.448E-10	0.000E+00	0.000E+00	1.852E-09
7	6.245E-10	1.741E-11	8.140E-10	0.000E+00	3.331E-10	0.000E+00	0.000E+00	1.789E-09 1.268E-09
8	4.425E-10	1.233E-11	5.767E-10 1.596E-08	0.000E+00 0.000E+00	2.360E-10 6.531E-09	0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.508E-08
9 10	1.224E-08 5.481E-09	3.413E-10 1.528E-10	7.144E-09	0.000E+00	2.923E-09	0.000E+00	0.000E+00	1.570E-08
11	2.311E-09	6.442E-11	3.013E-09	0.000E+00	1.233E-09	0.000E+00	0.000E+00	6.621E-09
12	9.667E-08	2.692E-09	1.259E-07	0.000E+00	5.152E-08	0.000E+00	0.000E+00	2.768E-07
13	5.202E-07	1.449E-08	6.775E-07	0.000E+00	2.772E-07	0.000E+00	0.000E+00	1.489E-06
14	1.503E-07	4.186E-09	1.958E-07	0.000E+00	8.011E-08 7.498E-08	0.000E+00 0.000E+00	0.000E+00 0.000E+00	4.303E-07 4.028E-07
15 16	1.407E-07 2.016E-06	3.918E-09 5.615E-08	1.832E-07 2.626E-06	0.000E+00 0.000E+00	1.075E-06	0.000E+00	0.000E+00	5.773E-06
17	4.213E-08	1.173E-09	5.487E-08	0.000E+00	2.245E-08	0.000E+00	0.000E+00	1.206E-07
18	4.334E-09	1.207E-10	5.644E-09	0.000E+00	2.310E-09	0.000E+00	0.000E+00	1.241E-08
19	9.908E-10	2.762E-11	1.291E-09	0.000E+00	5.285E-10	0.000E+00	0.000E+00	2.838E-09
20	1.864E-09	5.195E-11	2.430E-09	0.000E+00	9.942E-10	0.000E+00	0.000E+00 0.000E+00	5.340E-09 1.960E-08
21	6.843E-09	1.907E-10	8.919E-09 1.079E-08	0.000E+00 0.000E+00	3.650E-09 4.414E-09	0.000E+00 0.000E+00	0.000E+00	2.371E-08
22 23	8.277E-09 7.547E-09	2.307E-10 2.103E-10	9.836E-09	0.000E+00	4.025E-09	0.000E+00	0.000E+00	2.162E-08
24	2.985E-09	8.321E-11	3.891E-09	0.000E+00	1.592E-09	0.000E+00	0.000E+00	8.552E-09
25	2.886E-09	8.043E-11	3.761E-09	0.000E+00	1.539E-09	0.000E+00	0.000E+00	8.267E-09
26	2.077E-09	5.788E-11	2.707E-09	0.000E+00	1.108E-09	0.000E+00	0.000E+00	5.949E-09 1.631E-07
27	5.694E-08	1.587E-09 6.954E-10	7.421E-08 3.252E-08	0.000E+00 0.000E+00	3.037E-08 1.331E-08	0.000E+00 0.000E+00	0.000E+00 0.000E+00	7.147E-08
28 29	2.495E-08 9.781E-09	2.726E-10	1.275E-08	0.000E+00	5.216E-09	0.000E+00	0.000E+00	2.802E-08
30	4.106E-09	9.151E-11	4,269E-09	0.000E+00	1.778E-09	0.000E+00	0.000E+00	1.024E-08
31	7.740E-09	1.725E-10	8.047E-09	0.000E+00	3.351E-09	0.000E+00	0.000E+00	1.931E-08
32	2.851E-08	6.355E-10	2.965E-08	0.000E+00	1.235E-08	0.000E+00	0.000E+00 0.000E+00	7.115E-08 8.686E-08
33 34	3.481E-08	7.759E-10 7.194E-10	3.619E-08 3.356E-08	0.000E+00 0.000E+00	1.507E-08 1.398E-08	0.000E+00 0.000E+00	0.000E+00	8.053E-08
35	3.228E-08 1.281E-08	2.856E-10	1.332E-08	0.000E+00	5.549E-09	0.000E+00		3.197E-08
36	1.238E-08	2.759E-10	1.287E-08	0.000E+00	5.361E-09	0.000E+00		3.089E-08
37	8.772E-09	1.955E-10	9.120E-09	0.000E+00	3.798E-09	0.000E+00		2.189E-08
38	2.428E-07	5.412E-09	2.525E-07	0.000E+00	1.051E-07	0.000E+00	0.000E+00	6.058E-07
39	1.087E-07	2.422E-09	1.130E-07	0.000E+00	4.705E-08 1.984E-08	0.000E+00	0.000E+00 0.000E+00	2.711E-07 1.143E-07
40 41	4.582E-08 1.659E-08	1.021E-09 7.835E-10	4.764E-08 3.679E-08	0.000E+00 0.000E+00	1.462E-08	0.000E+00	0.000E+00	6.878E-08
42	9.593E-09	4.529E-10	2.127E-08	0.000E+00	8.450E-09	0.000E+00	0.000E+00	3.976E-08
43	1.202E-08	5.677E-10	2.665E-08	0.000E+00	1.059E-08	0.000E+00	0.000E+00	4.984E-08
44	1.043E-08	2.324E-10	1.084E-08	0.000E+00	4.516E-09	0.000E+00	0.000E+00 0.000E+00	2.602E-08 6.556E-09
45	2.628E-09	5.856E-11 1.239E-10	2.732E-09 5.780E-09	0.000E+00 0.000E+00	1.138E-09 2.407E-09	0.000E+00 0.000E+00	0.000E+00	1.387E-08
46 47	5.559E-09 4.089E-08	9.113E-10	4.251E-08	0.000E+00	1.771E-08	0.000E+00		1.020E-07
48	1.629E-08	3.630E-10	1.693E-08	0.000E+00	7.053E-09	0.000E+00	0.000E+00	4.064E-08
49	3.524E-09	7.853E-11	3.663E-09	0.000E+00	1.526E-09	0.000E+00		8.791E-09
50	7.037E-09	1.568E-10	7.316E-09	0.000E+00	3.047E-09	0.000E+00	0.000E+00 0.000E+00	1.756E-08 4.423E-09
51 52	1.773E-09 3.751E-09	3.951E-11 8.359E-11	1.843E-09 3.899E-09	0.000E+00 0.000E+00	7.677E-10 1.624E-09	0.000E+00	0.000E+00	9.358E-09
53	2.759E-08	6.149E-10	2.869E-08	0.000E+00	1.195E-08	0.000E+00		6.884E-08
54	1.099E-08	2.450E-10	1.143E-08	0.000E+00	4.760E-09	0.000E+00		2.743E-08
55	2.377E-09	5.298E-11	2.472E-09	0.000E+00	1.029E-09	0.000E+00		5.931E-09
56	2.615E-08	5.828E-10	2.719E-08	0.000E+00	1.132E-08	0.000E+00		6.525E-08
57	6.588E-09	1.468E-10	6.849E-09	0.000E+00 0.000E+00	2.853E-09 6.035E-09	0.000E+00 0.000E+00		1.644E-08 3.477E-08
58 59	1.394E-08 1.025E-07	3.106E-10 2.285E-09	1.449E-08 1.066E-07	0.000E+00	4.440E-08	0.000E+00		2.558E-07
60	4.085E-08	9.104E-10	4.247E-08	0.000E+00	1.769E-08	0.000E+00	0.000E+00	1.019E-07
61	8.835E-09	1.969E-10	9.185E-09	0.000E+00	3.826E-09	0.000E+00	0.000E+00	2.204E-08
62	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00
63	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		0.000E+00 0.000E+00
64 65	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00		0.000E+00
66	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00
67	4.827E-09	1.914E-12	9.042E-12	0.000E+00	3.639E-12	0.000E+00		4.842E-09
68	0.000E+00							
SUM	4.036E-06	1.082E-07	5.057E-06	0.000E+00	2.075E-06	0.000E+00	0.000E+00	1.128E-05

RECEPTOR RISK OF 1.128E-05 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

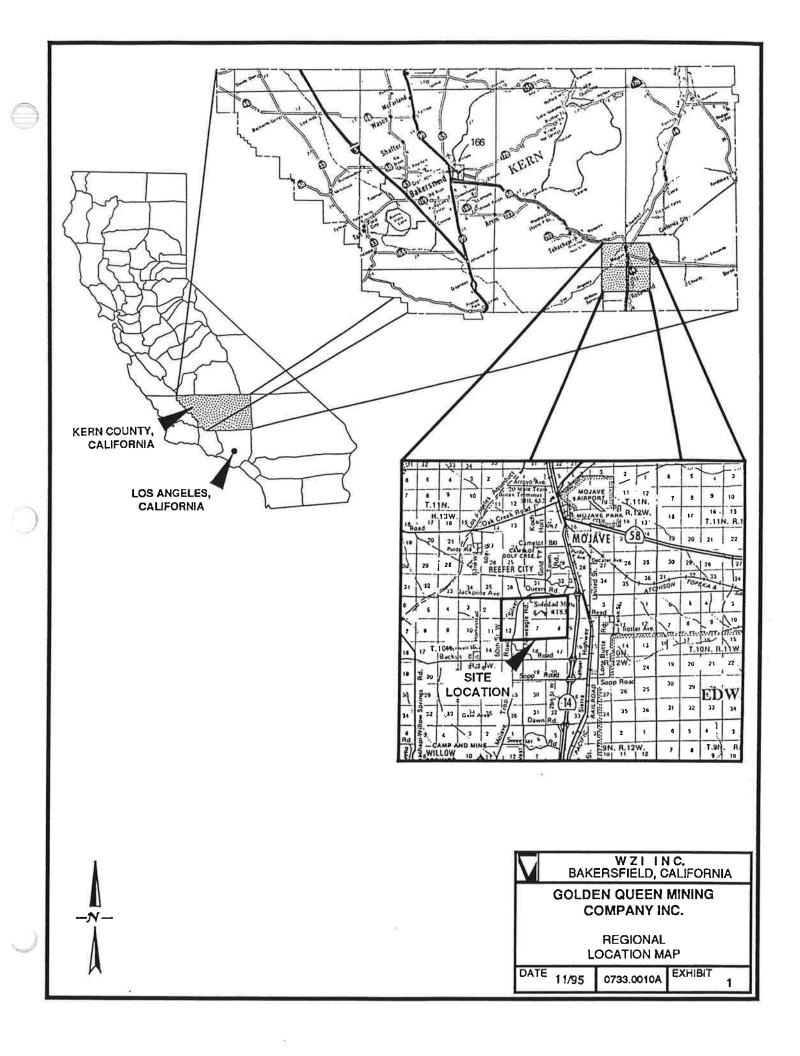
RECEPTOR RISK OF 1.128E-05 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07 RECEPTOR POPULATION = 0 RECEPTOR BURDEN = 0.000E+00

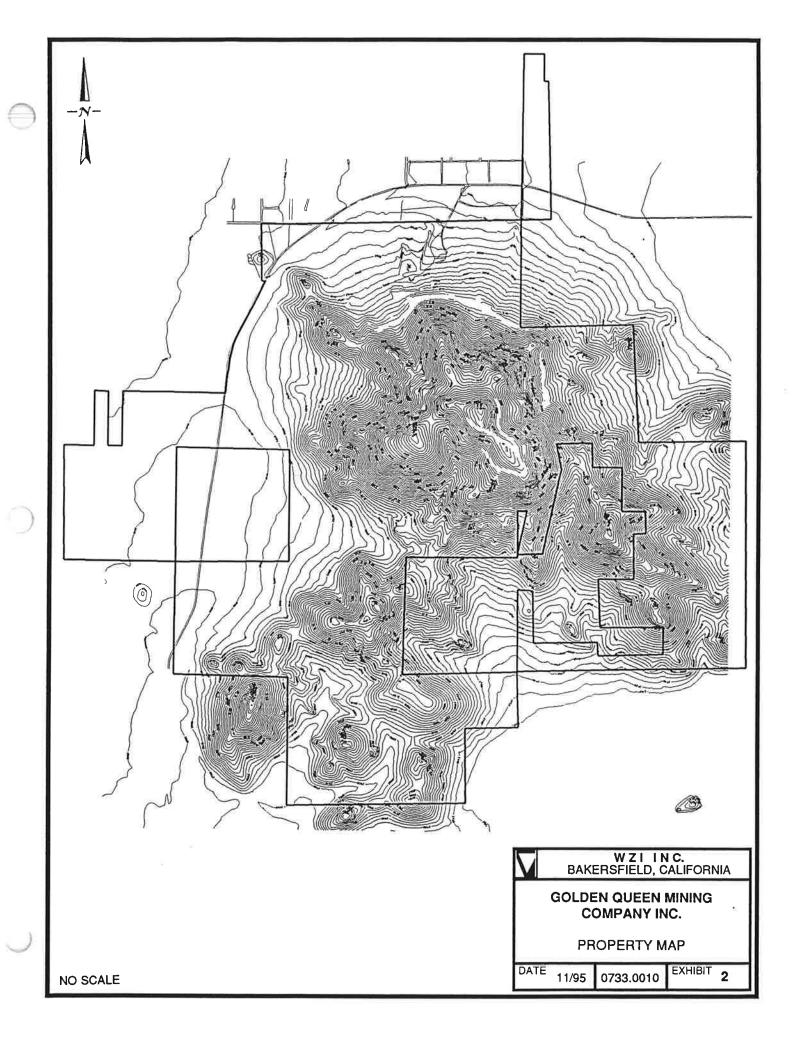
*** ACUTE HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 40 ***

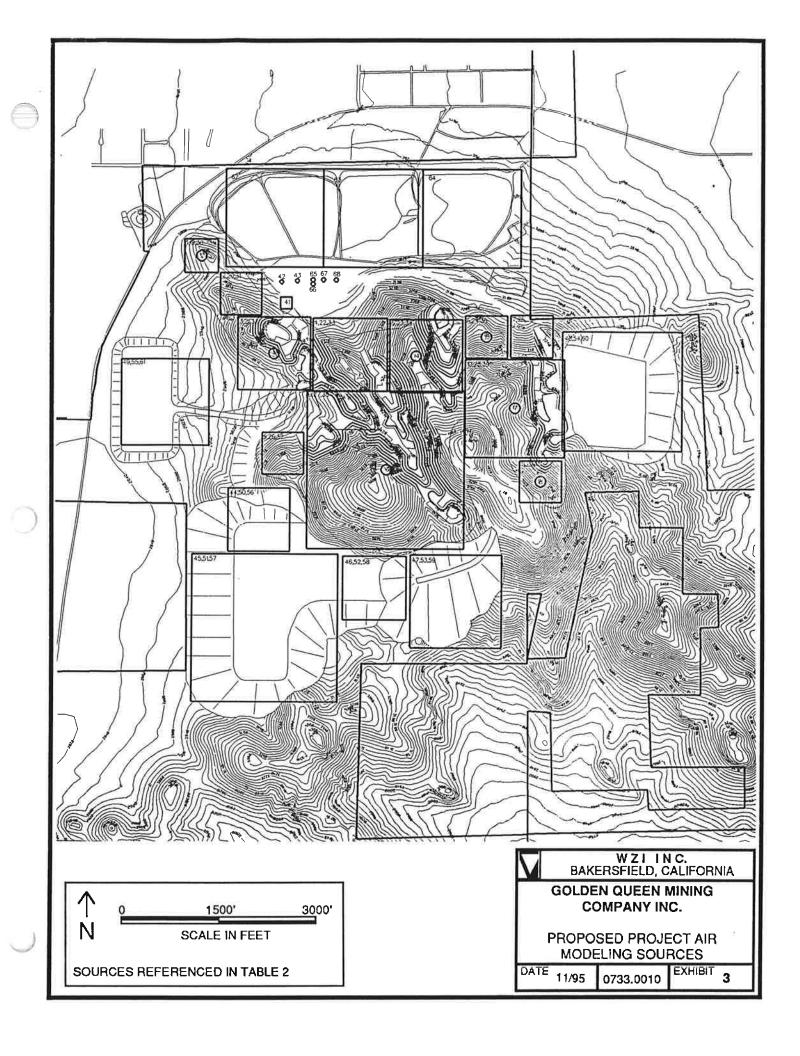
POLLUTANT	CONC (ug/m3)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
ACROL Cu HCHO HCN Hg Ni Se XYLEN	0.000E+00 0.000E+00 0.000E+00 2.435E+01 0.000E+00 3.020E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00 4.400E+03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 7.378E-03 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.020E-02 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	0.000E+00	7.378E-03	3.020E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

*** CHRONIC HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 69 ***

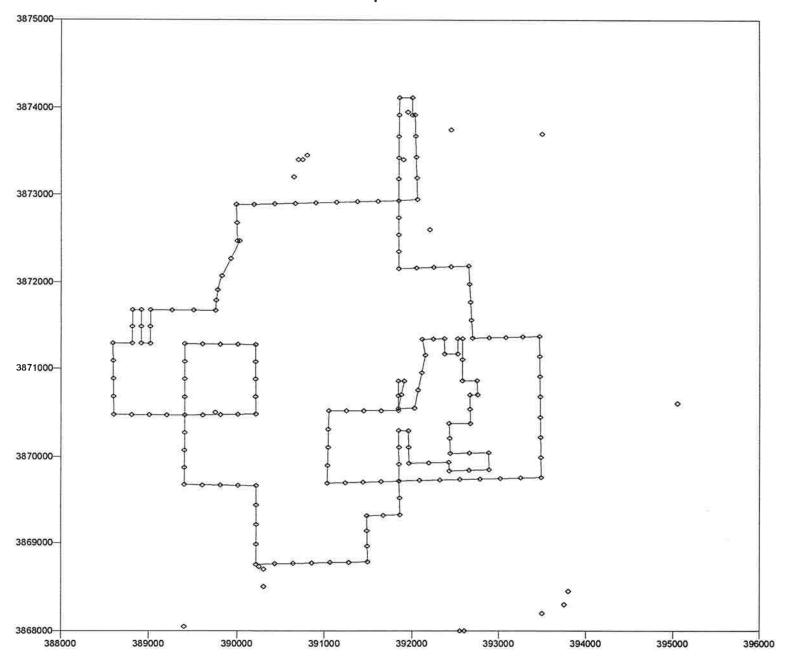
POLLUTANT	ORAL DOSE (mg/kg-d)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	NUMMI	KIDN	LIVER	REPRO	RESP	SKIN
ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH Se TOL XYLEN	0.000E+00 0.000E+00 1.000E-03 5.000E-03 1.000E-03 5.000E-00 0.000E+00 0.000E+00 4.300E-04 0.000E+00 4.000E+00 4.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.000E+00 2.000E-02 5.000E-01 7.100E+01 4.800E-03 3.500E+00 2.000E-03 2.400E+00 7.000E+01 1.500E+00 4.000E-01 3.000E-01 2.400E-01 1.400E-01 1.400E+01 5.000E-01 2.000E+02 3.500E+02	0.000E+00 0.000E+00 9.078E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 9.078E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.884E-05 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.829E-05 4.944E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.162E-04 0.000E+00 2.364E-03 1.888E-06 4.936E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 9.078E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	1.180E-03	2.975E-02	2.911E-04	8.238E-04	4.944E-04	2.723E-04	3.195E-03	9.078E-04



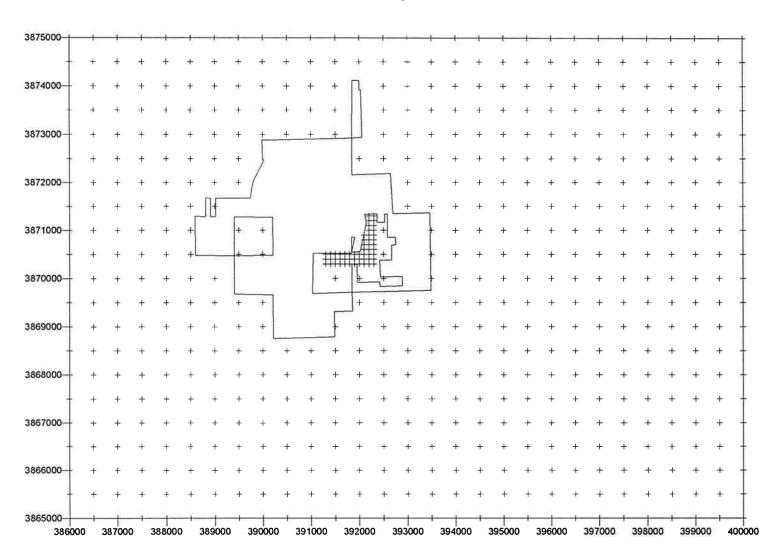




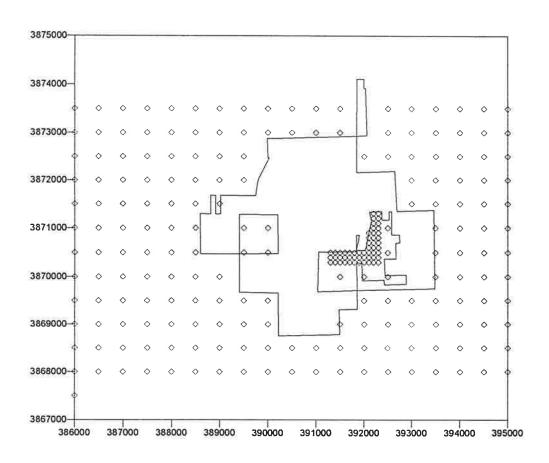
Golden Queen Mining Model Receptor Locations

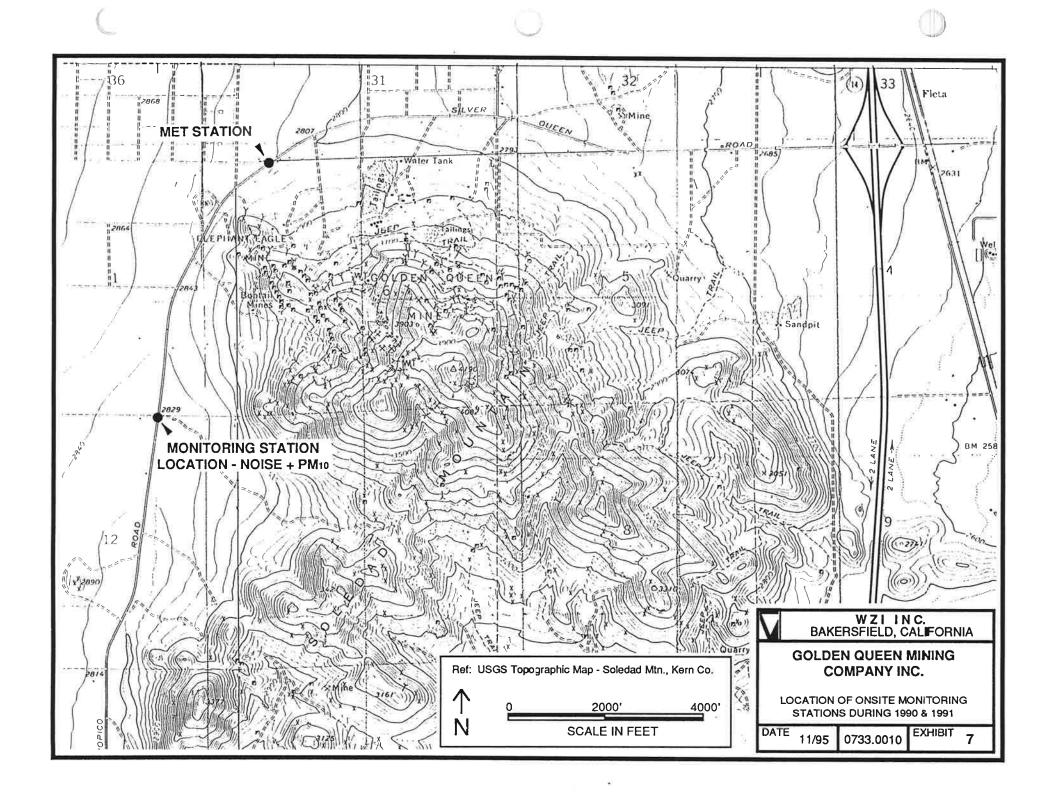


Golden Queen Mining Gridded Receptor Locations



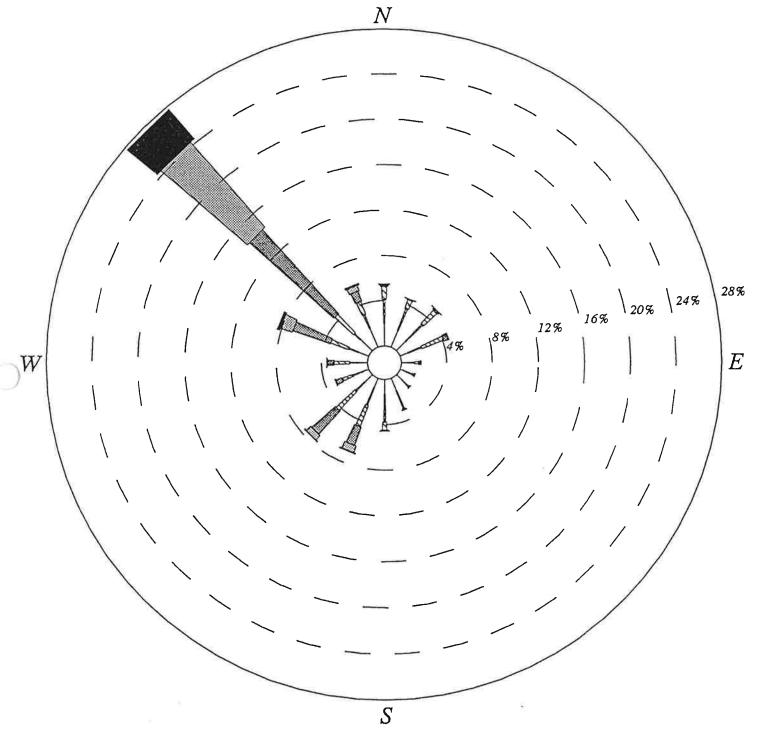
Golden Queen Mining Gridded Locations for PM10 Analysis





Soledad 1990

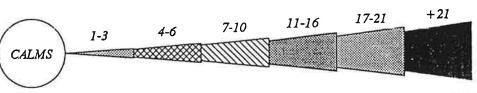
January 1-December 31; Midnight-11 PM



CALM WINDS 4.66%

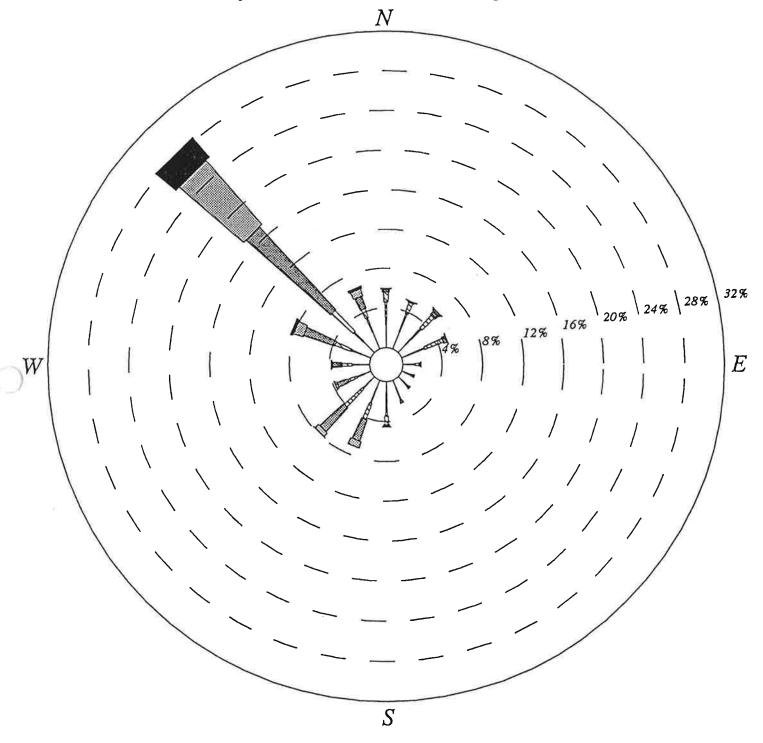
WIND SPEED (KNOTS)

NOTE: Frequencies indicate direction from which the wind is blowing.



Soledad 1991

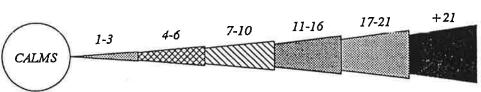
January 1-December 31; Midnight-11 PM

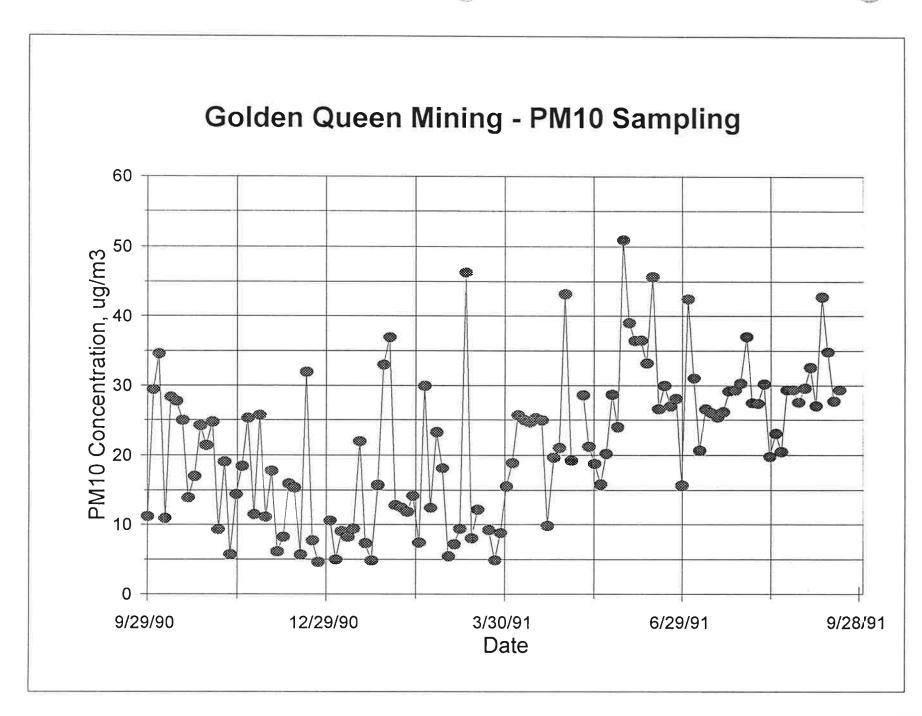


CALM WINDS 0.17%

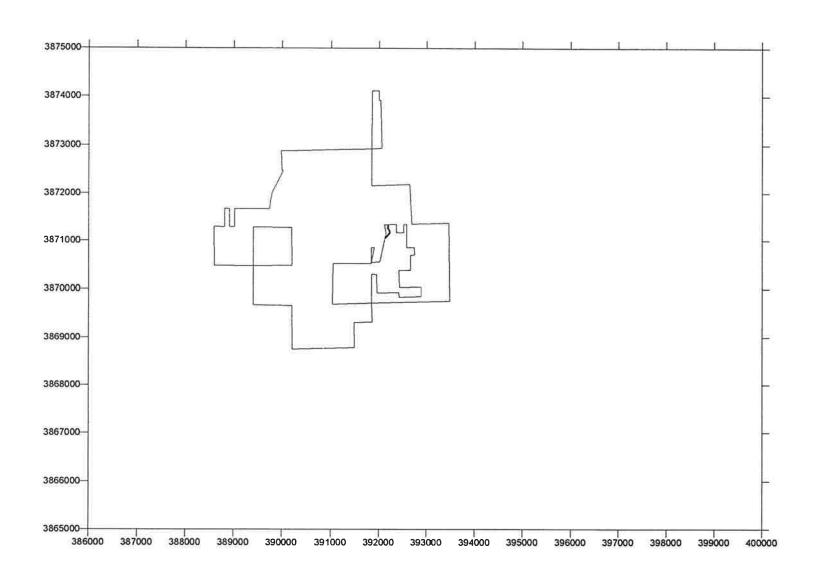
WIND SPEED (KNOTS)

NOTE: Frequencies indicate direction from which the wind is blowing.





Golden Queen Mining 1e-06 Isopleth





APPENDIX A

KERN COUNTY AIR POLLUTION CONTROL DISTRICT THOMAS PAXSON, P.E., APCO

KERSFIELD OFFICE 2700 "M" STREET, SUITE 290 BAKERSFIELD, CA 93301 PHONE: (805) 861-2593 FAX: (805) 861-2595



June 1, 1995

MOJAVE OFFICE 1775 HIGHWAY 58 MOJAVE, CA 93501 PHONE: (805) 824-4631 FAX: (805) 824-1140

Mr. Greg McNeish WZI., Inc. 4700 Stockdale Hwy Suite 120 P.O. BOX 9217 Bakersfield, CA 93389

SUBJECT: Golden Queen Mining-Review of Modelling Protocol

Dear Mr. McNeish:

We have reviewed your proposed modelling protocol to be used in estimating the air quality impact of the proposed Golden Queen Mining Company project. This protocol is acceptable provided you include the following revisions/clarifications:

- Impact of project on State and National Ambient Air Quality Standards, (above background concentrations) must be determined and discussed in EIR/EIS document.
- 2) Model input and output results shall be submitted on 3-1/2" disk.
- 3) Federal and/or Cal-EPA adopted/approved Dispersion Modelling, Risk Assessment, and Risk Management Guideline shall be followed. Any variations from regulatory defaults shall be clearly identified and discussed in final report and any such variations shall receive prior approval.
- 4) Combustion emissions from all anticipated sources shall be included in modelling and in NSR permitting.
- 5) Emissions from gold recovery/refining operations shall be included in modelling and NSR permitting.
- 6) Calculation of emission rates showing all assumptions shall be submitted.
 Calculation of fugitive emissions shall utilize most recent AP-42 equations and onsite raw material data.

- 7) Copy of on-site raw material laboratory data used in calculations shall be submitted including description of how sample was obtained and test methods used in analysis.
- 8) Emissions occurring from unloading of ore and waste onto stockpile or leach pile shall be included in modelling.
- Previously approved for use in calculating the settling velocities if on-site data is previously approved for use in calculating the settling velocity as specified in ISC2 manual. Default values for deposition velocity may not be used in place of settling velocity in determining alternate reflection coefficient.
- 10) Reduce grid spacing to 100 meters around estimated peak off-site locations as opposed to 500 meter spacing proposed. Include map of area showing receptor locations.
- 11) Please indicate location of meteorological stations on a topographic map of area.

 Also include wind rose, plot or table of average hourly wind speeds, discussion of treatment of calms and discussion of averaging times used in modelling.
- Discuss suitability of Nevada mixing height data as opposed to using mixing height data from nearby Edwards AFB. Unless data clearly indicates Nevada is more representative of conditions near Soledad Mountain, mixing height data from Edwards AFB should be used.
- 13) Impact analysis on Class I and Class II areas shall be performed pursuant to EPA requirements.

Thank you for you cooperation in this matter. Should you have any questions, please contact Ms. Mary J. Flynn at (805) 861-2593.

Sincerely

Thomas Paxson, P.E.

Air Pollution Control Officer



APPENDIX B

```
**BEE-Line Software: Standard ISCST2 data input file
```

```
Your comments here (Line must start with "**")
CO STARTING
CO TITLEONE GOLDEN QUEEN MINING COMPANY - SOLEDAD MOUNTAIN PROJECT
 CO TITLETWO ALL LOCATIONS - 3.6 MMTPY - 1991 Met
CO MODELOPT CONC RURAL

** AVERTIME 1 2 3 4 6 8 12 24 MONTH PERIOD
CO AVERTIME 1 PERIOD
CO POLLUTID PM-10
 ** HALFLIFE or DCAYCOEF
CO TERRHGTS ELEV
CO ELEVUNIT FEET
CO FLAGPOLE
CO RUNORNOT RUN
    EVENTFIL Evfile
                                                Evopt
                                         Dayinc Savf12
 ** SAVEFILE Savfil
 ** INITFILE Inifil
 ** MULTYEAR Mulout
                                         .___ Multin
 ** ERRORFIL Errfi1
 ** SIGF LVL
CO FINISHED
         Your comments here (Line must start with "**")
SO STARTING
** LOCATION Scid Scotyp Xs . Ys . Zs . So LOCATION DRLPIT1 AREA 390194.00 3872373.00 853.4400
                                     ** SRCPARAM Srcid_QS_
SO SRCPARAM DRLPITI 1.00
                                    390364.00 3872173.00 929.6400
2.0000 200.0000
SO LOCATION DRLPIT2 AREA
SO SRCPARAM DRLPIT2 1.00
                                     390450.00 3871815.00 944.8800
2.0000 350.0000
390813.00 3871810.00 1036.3200
SO LOCATION DRLPIT3
                          AREA
SO SRCPARAM DRLPIT3
                            1,00
SO LOCATION DRLPIT4 AREA
SO SRCPARAM DRLPIT4
                            1.00
                                               2.0000
                                                          350.0000
SO LOCATION DRLPIT5 AREA
                                    391176.00 3871805.00 1036.3200
                                     2,0000 350,0000
391539.00 3871973.00 1005.8400
2,0000 200.0000
SO SRCPARAM DRLPITS
                            1.00
SO LOCATION DRLPIT6 AREA
SO SRCPARAM DRLPIT6 1.00
                                     391754.00 3871976.00 1005.8400
SO LOCATION DRLPIT7 AREA
SO SRCPARAM DRLPIT7
                           1.00
                                              2.0000 200.0000
SO LOCATION DRLPITS AREA
                                     390570.00 3871413.00 1005.8400
SO SECPARAM DELPITS
                           1.00
                                               2.0000 200.0000
                                    390786.00 3871061.00 1036.3200
2.0000 750.0000
391540.00 3871497.00 1097.2800
SO LOCATION DRLPIT9 AREA
SO SECPARAM DELPIT9
                            1.00
SO LOCATION DRLPIT10 AREA
                                     2.0000 470.0000
391798.00 3871282.00 1097.2800
SO SRCPARAM DRLPIT10 1.00
SO LOCATION DRLPIT11 AREA

        SO SRCPARAM DRLPIT11
        1.00
        2.0000
        200.0000

        SO LOCATION BLSPIT1
        VOLUME
        390274.00
        3872453.00
        853.4400

        SO SRCPARAM BLSPIT1
        1.00000000
        50.0000
        93.0233
        23.2558

                           VOLUME 390625.00 3871990.00
                                                                  944.8800
SO LOCATION BLSPIT2
                           1.00000000 50.0000 93.0233 23.2558
SO SRCPARAM BLSPIT2
SO LOCATION BLSPIT3
                           VOLUME 391301.00 3871980.00 1036.3200
SO SRCPARAM BLSPIT3
                           1.00000000 50.0000 93.0233 23.2558
SO LOCATION BLSPIT4
                           VOLUME 391639.00 3872073.00 1005.8400
                           1.000000000 50.0000 93.0233 23.2558

VOLUME 391161.00 3871436.00 1036.3200

1.00000000 50.0000 93.0233 23.2558
SO SRCPARAM BLSPIT4
SO LOCATION BLSPIT5
SO SRCPARAM BLSPITS
                           VOLUME 391898.00 3871382.00 1097.2800
SO LOCATION BLSPIT6
                           1.00000000 50.0000 93.0233 23.2558
VOLUME 391775.00 3871732.00 1097.2800
SO SRCPARAM BLSPIT6
SO LOCATION BLSPIT7
SO SRCPARAM BLSPIT7
SO LOCATION TRLPIT1
SO SRCPARAM TRLPIT1
                           1.00000000 50.0000 93.0233 23.2558
AREA 390194.00 3872373.00 853.4400
1.00000000 6.0000 160.0000
SO LOCATION TRLPIT2
                           AREA
                                   390364.00 3872173.00
                                                                   929.6400
SO SRCPARAM TRLPIT2
                           1.00000000 6.0000 200.0000
                           AREA 390450.00 3871815.00 944.8800
1.00000000 6.0000 350.0000
SO LOCATION TRLPIT3
SO SRCPARAM TRLPIT3
SO LOCATION TRLPIT4
                           AREA 390813.00 3671810.00 1036.3200
                           1.00000000 6.0000 350.0000
AREA 391176.00 3871805.00 1036.3200
SO SRCPARAM TRLPIT4
SO LOCATION TRLPITS
SO SRCPARAM TRLPITS
                           1.00000000
                                              6.0000 350.0000
SO LOCATION TRLPITS
                           AREA 391539.00 3871973.00 1005.8400
                           1.00000000 6.0000 200.0000
AREA 391754.00 3871976.00 1005.8400
50 SRCPARAM TRLPIT6
SO LOCATION TRLPIT7
                           1.00000000 6.0000 200.0000
SO SRCPARAM TRLPIT7
                                  390570.00 3871413.00 1005.8400
SO LOCATION TRLPITS AREA
                           1.00000000
SO SRCPARAM TRLPITS
                                               6.0000 200.0000
SO LOCATION TRLPIT9 AREA 390786.00 3871061.00 1036.3200
SO ECCATION TREPITY AREA 39078.00 3871081.00 1036.3220 SO SRCPARAM TREPITY 1.00000000 6.0000 750.0000 SO LOCATION TREPITIO AREA 391540.00 3871497.00 1097.2800 SO SRCPARAM TREPITIO 1.00000000 6.0000 470.0000 SO LOCATION TREPITI1 AREA 391798.00 3871282.00 1097.2800
SO SRCPARAM TRLPIT11 1.00000000
                                              6.0000 200.0000
```

```
390194.00 3872373.00
SO LOCATION HAULO_1
                         AREA
                                    2.0000 160.0000
390364.00 3872173.00 92
2.0000 200.0000
SO SRCPARAM HAULO 1
                                                                929,6400
SO LOCATION HAULO 2
                          AREA
SO SRCPARAM HAULO 2
                           1.00
                                     390450.00 3871815.00
                                                                944.8800
SO LOCATION HAULO 3
                          AREA
                                             2.0000 350.0000
SO SRCPARAM HAULO 3
SO LOCATION HAULO_4
                                     390813.00 3871810.00 1036.3200
                          AREA
                                     2.0000 350.0000
391176.00 3871805.00 1036.3200
90 SRCPARAM HAULO 4
                           1.00
SO LOCATION HAULO 5
                          AREA
SO SRCPARAM HAULO 5
                           1.00
                                             2.0000
                                                        350.0000
                                     391539.00 3871973.00 1005.8400
SO LOCATION HAULO 6
                          AREA
                                    2.0000 200.0000
391754.00 3871976.00 1005.8400
SO SRCPARAM HAULO 6
                           1.00
SO LOCATION HAULO 7
                          AREA
                                             2.0000 200.0000
SO SRCPARAM HAULO 7
                           1.00
                                     390570.00 3871413.00 1005.8400
SO LOCATION HAULO 8
                          AREA
                                             2.0000 200.0000
SO SRCPARAM HAULO 8
                           1.00
                                     390786.00 3871061.00 1036.3200
SO LOCATION HAULO 9
                          AREA
                                     2.0000 750.0000
391540.00 3871497.00 1097.2800
2.0000 470.0000
SO SRCPARAM HAULO 9
                           1.00
SO LOCATION HAULO 10
                          AREA
SO SRCPARAM HAULO 10
                            1.00
SO LOCATION HAULO 11 AREA
                                     391798.00 3871282.00 1097.2800
                                            2.0000 200.0000
SO SRCPARAM HAULO 11
                           1.00
                                     390656.00 3872204.00
                                                                 926.5900
SO LOCATION TRU ORE
                         AREA
SO SECPARAM TRU ORE SO LOCATION BGHSE1
                                            2,0000
                                                        54.8600
                           1.00
                                     390660.00 3872330.00
                                                                908.3000
                          POINT
SO SRCPARAM BGHSE1
                          1.00000000 6.7100 298.0000 21.5330
                          1.00000000 6.7100 298.0000 21.5330 .3800
POINT 390735.00 3872335.00 908.3000
1.00000000 6.7100 298.0000 21.5330 .3800
Dsbh1. Dsbh2. Dsbh3. Dsbh4. Dsbh5. Dsbh6.
Dsbw1. Dsbw2. Dsbw3. Dsbw4. Dsbw5. Dsbw6.
AREA 390236.00 3870335.00 1060.7000
1.00 2.0000 700.0000
SO LOCATION CONVEY
SO SECPARAM CONVEY
                                                                                         3800
** BUILDHGT Sicing_
** BUILDWID Siding Dabw1
SO LOCATION TRU_WST1 AREA
SO SRCPARAM TRU WST1
SO LOCATION TRU WST2 AREA
                                     390406.00 3871047.00 1060.7000
SO SRCPARAM TRU WST2
                           1.00
                                     2.0000 300.0000
390960.00 3870725.00 1060.7000
2.0000 300.0000
SO LOCATION TRU WST3 AREA
SO SRCPARAM TRU WST3 1.00
                           1.00
SO LOCATION TRU WST4 AREA
                                     391258.00 3870600.00 1188.7000
SO SRCPARAM TRU WST4
                                             2.0000 440.0000
SO LOCATION TRU WST5
                                     392000 00 3871530.00 1005.8400
2.0000 570.0000
                          AREA
SO SRCPARAM TRU WST5
SO LOCATION TRU WST6
                            1.00
                                     389900.00 3871550.00 908.3000
2.0000 413.0000
                          AREA
SO SRCPARAM TRU WST6
                            1.00
SO LOCATION DZG W1
                                     390236.00 3870335.00 1060.7000
SO SRCPARAM DZG W1
                            1,00
                                             2.0000 700.0000
                                     390406.00 3871047.00 1060.7000
50 LOCATION DZG W2
                          AREA
                                             2.0000 300.0000
SO SRCPARAM DZG W2
                           1.00
                                     390960.00 3870725.00
                                                                1060.7000
SO LOCATION DZG W3
                          AREA
                                             2.0000 300.0000
SO SRCPARAM DZG W3
                            1.00
SO LOCATION DZG W4
                                     391258.00 3870600.00 1188.7000
                          AREA
                            1.00
                                             2.0000 440.0000
SO SRCPARAM DZG W4
                                     392000.00 3871530.00 1005.8400
2.0000 570.0000
SO LOCATION DZG W5
                          AREA
SO SRCPARAM DZG W5
                            1.00
                                     389900.00 3871550.00
SO LOCATION DZG W6
                          AREA
                                             2.0000 413.0000
50 SRCPARAM DZG W6
                            1.00
                                     390236.00 3870335.00 1060.7000
SO LOCATION ERSN W1
                          AREA
                                             2.0000 700.0000
SO SRCPARAM ERSN WI
                           1,00
                                     390406.00 3871047.00 1060.7000
50 LOCATION ERSN W2
                          AREA
                                             2.0000 300.0000
SO SRCPARAM ERSN W2
                            1.00
                                     390960.00 3870725.00 1060.7000
SO LOCATION ERSN W3
                          AREA
SO SRCPARAM ERSN W3
                                             2.0000 300.0000
                            1.00
SO LOCATION ERSN W4
                                     391258.00 3870600.00 1188.7000
                          AREA
SO SRCPARAM ERSN W4
                                             2,0000 440.0000
                           1.00
                                     392000.00 3871530.00 1005.8400
2.0000 570.0000
SO LOCATION ERSN W5
                          AREA
SO SRCPARAM ERSN W5
                           1.00
                                     389900.00 3871550.00 908.3000
SO LOCATION ERSN W6
                          AREA
                                             2.0000 413.0000
SO SRCPARAM ERSN W6
                            1.00
SO LOCATION ORE PAD1 AREA
                                     390390.00 3872400.00 914.4000
SO SECPARAM ORE PAD1
                                              .0000 470.0000
                           1.00
                                     390860.80 3872400.00 914.4000
SO LOCATION ORE PAD2 AREA
                                    .0000 470.0000
391330.00 3872400.00 91
SO SECPARAM ORE PAD2
                           1.00
                                                                 914.4000
SO LOCATION ORE PADS AREA
SO SECPARAM ORE PADS 1.00
                                             .0000 470.0000
                           1.00
SO LOCATION HORETORT POINT 390810.00 3872320.00 908.3000
SO SRCPARAM HORETORT 1.00000000 5.0000 400.0000 2.1158
                          POINT 390810.00 3872340.00 908.3000
1.00000000 5.0000 298.0000 2.1158
POINT 390860.00 3872340.00 908.3000
1.00000000 5.0000 394.0000 6.4740
   LOCATION ADSORPT
                                                                                       2.0000
SO SECPARAM ADSORPT
SO LOCATION FURNACE
SO SECPARAM FURNACE
SO LOCATION DSLTNK 1 POINT 390920.00 3872340.00 908.3000
SO LOCATION DSLINK 1 POINT 390920.00 3872340.00 908.3000

SO SRCPARAM DSLINK 1 1.00000000 2.0000 298.0000 1.0000 .180

** EMISFACT Srcid or Srcrng Qflag Q1 . Q2 . Q3 . Q4

** SETVELOC Srcid or Srcrng Vns.1 Vns.2 Vns.3 123.567890

** MASSFRAX Srcid or Srcrng Phi.1 Phi.2 Phi.3 Phi.4

** REFLOEF Srcid or Srcrng Gam.1 Gam.2 Gam.3 Gam.4

** EMISUNIT Emifac Emilbl(colm 24-51) Conlbl(colm 53-80)
                          Srcid's Srcrng's
   SRCGROUP Grpid
                          DRLPITI
SO SRCGROUP
SO SRCGROUP
                          DRI.PIT2
SO SRCGROUP
                          DRLPIT3
SO SRCGROUP
                          DRLPIT4
SO SRCGROUP
                          DRLPIT5
SO SRCGROUP
                          DRLPIT6
SO SECGROUP
                          DRI.PTT7
SO SRCGROUP
                          DRLPIT8
```

```
DRLPIT9
SO SRCGROUP
50 SRCGROUP 10
                      DRLPIT10
SO SRCGROUP
             11
                      DRLPIT11
SO SRCGROUP
             12
                      BLSPIT1
SO SRCGROUP
             13
                      BLSPIT2
                      BLSPIT3
SO SRCGROUP
             14
30 SRCGROUP
             15
                      BLSPTT4
SO SRCGROUP
                      BLSPIT5
SO SRCGROUP
             17
                      BLSPIT6
SO SRCGROUP
             18
                      BLSPIT7
                      TRLPIT1
SO SECGROUP
             19
SO SRCGROUP
                      TRLPIT2
             20
SO SRCGROUP
                      TRLPIT3
SO SRCGROUP
             22
                      TRLPIT4
SO SRCGROUP
             23
                      TRLPIT5
             24
                      TRLPIT6
SO SRCGROUP
SO SRCGROUP
             25
                      TRLPIT7
                      TRLPIT8
SO SRCGROUP
SO SRCGROUP
             27
                      TRLPIT9
SO SRCGROUP
             28
                      TRLPIT10
                      TRLPIT11
SO SRCGROUP
             29
SO SRCGROUP
                      HAULO 1
             30
                      HAULO 2
SO SRCGROUP
             31
SO SRCGROUP
                      HAULO 3
             32
SO SRCGROUP
             33
                      HAULO 4
SO SRCGROUP
              34
                      HAULO 5
SO SRCGROUP
                      HAULO 6
             35
SO SRCGROUP
                      HAULO 7
              36
SO SRCGROUP
                      HAULO 8
SO SRCGROUP
              38
                      HAULO 9
                      HAULO 10
SO SRCGROUP
             39
SO SRCGROUP
                      HAULO 11
              40
SO SRCGROUP
                      TRU ORE
              41
SO SRCGROUP
                      BGHSE1
              42
SO SRCGROUP
              43
                      CONVEY
                      TRU WST1
SO SRCGROUP
              44
                      TRU WST2
SO SECGROUP
              45
SO SRCGROUP
                      TRU WST3
              46
SO SRCGROUP
                      TRU WST4
SO SRCGROUP
                      TRU WST5
SO SRCGROUP
              49
                      TRU WST6
                      DZG W1
DZG W2
SO SRCGROUP
              50
SO SRCGROUP
              51
SO SRCGROUP
                      DZG W3
              52
SO SRCGROUP
                      DZG W4
SO SRCGROUP
              54
                      DZG W5
SO SRCGROUP
              55
                      DZG W6
                      ERSN W1
SO SRCGROUP
              56
SO SRCGROUP
              57
                      ERSN W2
SO SRCGROUP
              58
                      ERSN W3
SO SRCGROUP
                      ERSN W4
SO SRCGROUP
              60
                      ERSN W5
SO SRCGROUP
              61
                      ERSN W6
                      ORE PAD1
SO SRCGROUP
              62
                      ORE PAD2
SO SRCGROUP
              63
SO SRCGROUP
              64
                      ORE PAD3
SO SRCGROUP
                      HGRETORT
SO SRCGROUP
              66
                      ADSORPT
SO SRCGROUP
              67
                       FURNACE
                      DSLTNK 1
SO SRCGROUP
              68
SO FINISHED
```

Your comments here (Line must start with "**")

RE STARTING 2760.0000 Zflag.1 Xdisc1-- Ydisc1-- Zelev.1 389400 2760.0 DISCCART 1.8000 RE DISCCART RE DISCCART 392550 3868000 2650.0000 1,8000 1.8000 RE DISCCART 392600 3868000 2650,0000 2760.0000 1.8000 3868800 RE DISCCART 390250 1.8000 3868750 2760.0000 390300 RE DISCCART 2760.0000 1.8000 390300 3868500 RE DISCCART RE DISCCART 393500 3868200 2610.0000 1.8000 RE DISCCART 393750 3868300 2600.0000 1.8000 1.8000 RE DISCCART 393800 3868450 2590,0000 1.8000 RE DISCCART 389750 3870450 2820.0000 1.8000 3870600 2590.0000 395050 RE DISCCART 2840.0000 1.8000 392200 3872600 RE DISCCART RE DISCCART 390800 3873450 2810.0000 1.8000 RE DISCCART 390750 3873400 2810.0000 1.8000 1.8000 2820.0000 RE DISCCART 390700 3873400 2820.0000 1.8000 RE DISCCART 390650 3873200 2710.0000 1.8000 393500 3873700 RE DISCCART 2740.0000 1.8000 RE DISCCART 392450 3873750 2760.0000 1.8000 RE DISCCART 391950 3873950 RE DISCCART 391900 3873400 2780.0000 1.8000 RE DISCCART 388603 3870477 2860.0000 1-8000 1.8000 RE DISCCART 388600 3870680 2860,0000 1.8000 3870883 2860.0000 RE DISCCART 388598 388595 3871086 2870.0000 1.8000 RE DISCCART 3871290 2875.0000 1.8000 RE DISCCART 388593 RE DISCCART 388814 3871288 2860.0000 1.8000

				1 0000
RE DISCCART	388814	3871483	2870.0000	1.8000
RE DISCCART	388815	3871678	2880.0000	1.8000
RE DISCCART	388916	3871676	2880.0000	1.8000
RE DISCCART	388916	3871482	2860.0000	1.8000
RE DISCCART	388916	3871288	2860.0000	1.8000
RE DISCCART	389019	3871287	2860.0000	1.8000
RE DISCOART	389020	3871491	2860.0000	1.8000
	389021	3871676	2860.0000	1.0000
RE DIOCCART	389264	3871674	2860.0000	1.8000
RE DISCCART				1.8000
RE DISCCART	389507	3871672	2840.0000	
RE DISCCART	389750	3871670	2840.0000	1.8000
RE DISCCART	389759	3871788	2850.0000	1.8000
RE DISCCART	389778	3871908	2850.0000	1.8000
RE DISCCART	389826	3872073	2850.0000	1.8000
RE DISCCART	389928	3872271	2850.0000	1.8000
RE DISCCART	390027	3872472	2850.0000	1.8000
	390000	3872474	2850.0000	1.8000
	389995	3872678	2850.0000	1.8000
RE DISCCART	389991	3872883	2840.0000	1.8000
RE DISCCART				1.8000
RE DISCCART	390191	3872883	2840.0000	1.8000
RE DISCCART	390427	3872889	2820.0000	
RE DISCCART	390663	3872895	2820.0000	1.8000
RE DISCCART	390899	3872902	2820.0000	1.8000
RE DISCCART	391135	3872908	2820.0000	1.8000
RE DISCCART	391371	3872915	2820.0000	1.8000
RE DISCCART	391607	3872921	2810.0000	1.8000
RE DISCCART	391844	3872928	2790.0000	1.8000
	391846	3873175	2770.0000	1.8000
RE DISCCART		3873423	2760.0000	1.8000
RE DISCCART	391848	3873671	2760.0000	1.8000
RE DISCCART	391850			
RE DISCCART	391853	3873919	2760.0000	1.8000
RE DISCCART	391855	3874114	2750.0000	1.8000
RE DISCCART	392001	3874114	2750.0000	1.8000
RE DISCCART	392001	3873919	2750.0000	1.8000
RE DISCCART	392033	3873918	2750.0000	1.8000
RE DISCCART	392039	3873674	2750.0000	1.8000
RE DISCCART	392046	3873430	2750.0000	1.8000
	392052	3873186	2750.0000	1.8000
RE DISCCART	392059	3872942	2775.0000	1.8000
RE DISCCART		3872928	2800.0000	1.8000
RE DISCCART	391844		2850.0000	1.8000
RE DISCCART	391844	3872735		1.8000
RE DISCCART	391845	3872543	2900.0000	
RE DISCCART	391845	3872351	3000.0000	1.8000
RE DISCCART	391846	3872159	3175.0000	1.8000
RE DISCCART	392046	3872165	3100.0000	1.8000
RE DISCCART	392246	3872172	2975.0000	1.8000
RE DISCCART	392446	3872178	2825.0000	1.8000
RE DISCCART	392617	3872185	2860.0000	1.8000
	392658	3871975	3090.0000	1.8000
RE DISCCART		3871765	2900.0000	1.8000
RE DISCCART	392670			1.8000
RE DISCCART	392682	3871555	2925.0000	
RE DISCCART	392694	3871346	2950.0000	1.8000
RE DISCCART	392887	3871350	3000.0000	1.8000
RE DISCCART	393080	3871355	2975.0000	1.8000
RE DISCCART	393273	3871360	2950.0000	1.8000
RE DISCCART	393467	3871365	2875.0000	1.8000
RE DISCCART	393469	3871135	3025.0000	1.8000
-	393472	3870905	3000.0000	1.8000
	393475	3870675	2760.0000	1.8000
RE DISCCART		3870446	2875.0000	1.8000
RE DISCCART	393477	3870216	2850.0000	1.8000
RE DISCCART	393480		2975.0000	1.8000
RE DISCCART	393483	3869986		
RE DISCCART	393486	3869757	2700.0000	1.8000
RE DISCCART	393252	3869751	2725.0000	1.8000
RE DISCCART	393018	3869745	2875.0000	1.8000
RE DISCCART	392784	3869739	2800.0000	1.8000
RE DISCCART	392550	3869734	2760.0000	1.8000
RE DISCCART	392316	3869728	2760.0000	1.8000
RE DISCCART	392082	3869722	2760.0000	1.8000
RE DISCCART	391849	3869717	2750.0000	1.8000
	391848	3869910	2800.0000	1.8000
		3870103	2880.0000	1.8000
RE DISCCART	391847		2940.0000	1.8000
RE DISCCART	391846	3870297		1.8000
RE DISCCART	391954	3870290	3000.0000	
RE DISCCART	391958	3870105	2920.0000	1.8000
RE DISCCART	391963	3869921	2800.0000	1.8000
RE DISCCART	392191	3869926	2830.0000	1.8000
RE DISCCART	392420	3869931	2800.0000	1.8000
RE DISCCART	392427	3869835	2780.0000	1.8000
RE DISCCART	392656	3869841	2840.0000	1.8000
RE DISCCART	392886	3869847	2900.0000	1.8000
RE DISCCART	392884	3870041	3240.0000	1.8000
	392660	3870038	3080.0000	1.8000
RE DISCCART		3870035	2860.0000	1.8000
RE DISCCART	392437		2940.0000	1.8000
RE DISCCART	392430	3870206		1.8000
RE DISCCART	392423	3870377	3080.0000	
RE DISCCART	392669	3870377	3240.0000	1.8000
RE DISCCART	392667	3870536	3460.0000	1.8000
RE DISCCART	392666	3870695	3360.0000	1.8000
RE DISCCART	392753	3870699	3200.0000	1.8000
RE DISCCART	392748	3870856	3340.0000	1.8000
RE DISCCART	392579	3870856	3480.0000	1.8000
RE DISCCART	392579	3871098	3120.0000	1.8000
RE DISCOART	392579	3871341	3060.0000	1.8000
VP DISCOURT	332313	20.1041		

	200502	2021241	3140.0000	1.8000
RE DISCCART	392523	3871341		
RE DISCCART	392523	3871166	3220.0000	1.8000
RE DISCCART	392371	3871166	3380.0000	1.8000
RE DISCCART	392369	3871338	3300.0000	1.8000
RE DISCCART	392241	3871335	3400.0000	1.8000
RE DISCOART	392113	3871332	3500.0000	1.8000
RE DISCCART	392150	3871149	3560.0000	1.8000
RE DISCCART	392107	3870949	3440.0000	1.8000
RE DISCCART	392065	3870749	3240.0000	1.8000
	392023	3870549	3160.0000	1.8000
RE DISCCART		3870545	3160.0000	1.8000
RE DISCCART	391842			
RE DISCCART	391874	3870698	3400.0000	1.8000
RE DISCCART	391907	3870852	3480.0000	1.8000
RE DISCCART	391840	3870853	3480.0000	1.8000
RE DISCCART	391841	3870687	3300.0000	1.8000
RE DISCCART	391842	3870521	3120.0000	1.8000
RE DISCCART	391643	3870520	3060.0000	1.8000
RE DISCCART	391445	3870519	3030.0000	1.8000
RE DISCCART	391247	3870518	3180.0000	1.8000
	391049	3870518	3120.0000	1.8000
RE DISCCART	391044	3870310	3300.0000	1.8000
RE DISCCART	391044	3870103	3140.0000	1.8000
RE DISCCART				1.8000
RE DISCCART	391036	3869895	2980.0000	1.8000
RE DISCCART	391032	3869688	3120.0000	
RE DISCCART	391236	3869694	2920.0000	1.8000
RE DISCCART	391440	3869701	2830.0000	1.8000
RE DISCCART	391644	3869707	2770.0000	1.8000
RE DISCCART	391849	3869714	2750.0000	1.8000
RE DISCCART	391855	3869518	2740.0000	1.8000
RE DISCCART	391861	3869323	2700.0000	1.8000
RE DISCCART	391671	3869318	2740.0000	1.8000
RE DISCOART	391481	3869313	2820.0000	1.8000
	391484	3869136	2740.0000	1.8000
RE DISCCART		3868960	2720.0000	1.8000
RE DISCCART	391487		2720.0000	1.8000
RE DISCCART	391490	3868784		
RE DISCCART	391278	3868779	2880.0000	1.8000
RE DISCCART	391066	3868775	2980.0000	1.8000
RE DISCCART	390854	3868770	2900.0000	1.8000
RE DISCCART	390642	3868766	2880.0000	1.8000
RE DISCCART	390430	3868761	2760.0000	1.8000
RE DISCCART	390218	3868757	2760.0000	1.8000
RE DISCCART	390217	3868983	2780.0000	1.8000
RE DISCCART	390216	3869209	2840.0000	1.8000
	390215	3869435	2980.0000	1.8000
	390215	3869661	3000.0000	1.8000
RE DISCCART		3869664	3060.0000	1.8000
RE DISCCART	390012	3869667	2960.0000	1.8000
RE DISCCART	389809			1.8000
RE DISCCART	389606	3869670	2840.0000	
RE DISCCART	389404	3869674	2800.0000	1.8000
RE DISCCART	389404	3869873	2800.0000	1.8000
RE DISCCART	389405	3870072	2820.0000	1.8000
RE DISCCART	389406	3870271	2820.0000	1.8000
RE DISCCART	389407	3870471	2820.0000	1.8000
RE DISCCART	389608	3870473	2820.0000	1.8000
RE DISCCART	389809	3870475	2820.0000	1.8000
RE DISCCART	390010	3870477	2840.0000	1.8000
	390212	3870480	2880.0000	1.8000
	390212	3870677	2870.0000	1.8000
	390211	3870875	2860.0000	1.8000
RE DISCCART			2860.0000	1.8000
RE DISCCART	390209	3871072		
RE DISCCART	390209	3871270	2870.0000	1.8000
RE DISCCART	390008	3871272	2840.0000	1.8000
RE DISCCART	389807	3871275	2830.0000	1.8000
RE DISCCART	389606	3871278	2830.0000	1.8000
RE DISCCART	389406	3871281	2840,0000	1.8000
RE DISCCART	389406	3871078	2840.0000	1.8000
RE DISCCART	389406	3870876	2830.0000	1.8000
RE DISCCART	389406	3870673	2820.0000	1.8000
RE DISCCART	389407	3870471	2820.0000	1.8000
RE DISCOART	389206	3870472	2830.0000	1.8000
	389005	3870474	2840.0000	1.8000
RE DISCCART	388804	3870475	2850.0000	1.8000
RE DISCOART		3870300	3120.0000	1.8000
RE DISCCART	391300	3870300	3020.0000	1.8000
RE DISCCART	391400			
RE DISCCART	391500	3870300	2920.0000	1.8000
RE DISCCART	391600	3870300	2900.0000	1.8000
RE DISCCART	391700	3870300	2920.0000	1.8000
RE DISCCART	391800	3870300	2930.0000	1.8000
RE DISCCART	391900	3870300	2960.0000	1.8000
RE DISCCART	392000	3870300	3000.0000	1.8000
RE DISCCART	392100	3870300	2960.0000	1.8000
RE DISCCART	392200	3870300	2940.0000	1.8000
RE DISCCART	392300	3870300	2980.0000	1.8000
	391300	3870400	3140.0000	1.8000
		3870400	3030.0000	1.8000
RE DISCCART	391400	3870400	2940.0000	1.8000
RE DISCCART	391500			1.8000
RE DISCCART	391600	3870400	2940.0000	
RE DISCCART	391700	3870400	2950.0000	1.8000
RE DISCCART	391800	3870400	2980.0000	1.8000
RE DISCCART	391900	3870400	3060.0000	1.8000
RE DISCCART	392000	3870400	3140.0000	1.8000
RE DISCCART	392100	3870400	3020.0000	1.8000
RE DISCCART	392200	3870400	2980.0000	1.8000
RE DISCCART	392300	3870400	3040.0000	1.8000

				1 0000
RE DISCCART	391300	3870500	3120.0000	1.8000
RE DISCCART	391400	3870500	3020.0000	1.8000
RE DISCCART	391500	3870500	2990.0000	1.8000
RE DISCCART	391600	3870500	3020.0000	1.8000
RE DISCCART	391700	3870500	3040.0000	1.8000
RE DISCCART	391800	3870500	3060.0000	1.8000
RE DISCOART	391900	3870500	3200.0000	1.8000
RE DISCOART	392000	3870500	3200.0000	1.0000
	392100	3870500	3060.0000	1.8000
RE DISCCART		3870500	3040.0000	1.8000
RE DISCCART	392200			1.8000
RE DISCCART	392300	3870500	3140.0000	
RE DISCCART	392100	3870600	3100.0000	1.8000
RE DISCCART	392200	3870600	3110.0000	1.8000
RE DISCCART	392300	3870600	3280.0000	1.8000
RE DISCCART	392100	3870700	3120.0000	1.8000
RE DISCCART	392200	3870700	3160.0000	1.8000
RE DISCCART	392300	3870700	3320.0000	1.8000
	392100	3870800	3220.0000	1.8000
	392200	3870800	3160.0000	1.8000
RE DISCCART	392300	3870800	3240.0000	1.8000
RE DISCCART		3870900	3360.0000	1.8000
RE DISCCART	392100		3240.0000	1.8000
RE DISCCART	392200	3870900		
RE DISCCART	392300	3870900	3300.0000	1.8000
RE DISCCART	392200	3871000	3340.0000	1.8000
RE DISCCART	392300	3871000	3340.0000	1.8000
RE DISCCART	392200	3871100	3400.0000	1.8000
RE DISCCART	392300	3871100	3390.0000	1.8000
RE DISCCART	392200	3871200	3440.0000	1.8000
RE DISCCART	392300	3871200	3410.0000	1.8000
RE DISCCART	392200	3871300	3420.0000	1.8000
RE DISCCART	392300	3871300	3360.0000	1.8000
	386000	3865000	3100.0000	1.8000
RE DISCCART RE DISCCART	386500	3865000	3120.0000	1.8000
				1.8000
RE DISCCART	387000	3865000	3120.0000 2980.0000	1.8000
RE DISCCART	387500	3865000		
RE DISCCART	388000	3865000	2860.0000	1.8000
RE DISCCART	388500	3865000	2840.0000	1.8000
RE DISCCART	389000	3865000	2760.0000	1.8000
RE DISCCART	389500	3865000	2780.0000	1.8000
RE DISCCART	390000	3865000	2740.0000	1.8000
RE DISCCART	390500	3865000	2680.0000	1.8000
RE DISCCART	391000	3865000	2680.0000	1.8000
RE DISCCART	391500	3865000	2660.0000	1.8000
RE DISCCART	392000	3865000	2640.0000	1.8000
RE DISCCART	392500	3865000	2640.0000	1.8000
	393000	3865000	2620.0000	1.8000
RE DISCCART	393500	3865000	2600.0000	1.8000
RE DISCCART			2580.0000	1.8000
RE DISCOART	394000	3865000		
RE DISCCART	394500	3865000	2580.0000	1.8000
RE DISCCART	395000	3865000	2560.0000	1.8000
RE DISCCART	395500	3865000	2540.0000	1.8000
RE DISCCART	396000	3865000	2600.0000	1.8000
RE DISCCART	396500	3865000	2620.0000	1.8000
RE DISCCART	397000	3865000	2640.0000	1.8000
RE DISCCART	397500	3865000	2650.0000	1.8000
RE DISCCART	398000	3865000	2680.0000	1.8000
RE DISCCART	398500	3865000	2740.0000	1.8000
RE DISCCART	399000	3865000	2730.0000	1.8000
RE DISCCART	399500	3865000	2670.0000	1.8000
	400000	3865000	2640.0000	1.8000
		3865500	2820.0000	1.8000
RE DISCCART	386000	3865500	2850.0000	1.8000
RE DISCCART	386500			
RE DISCCART	387000	3865500	2820.0000	1.8000
RE DISCCART	387500	3865500	2780.0000	1.8000
RE DISCCART	388000	3865500	2770.0000	1.8000
RE DISCCART	388500	3865500	2760.0000	1.8000
RE DISCCART	389000	3865500	2730.0000	1.8000
RE DISCCART	389500	3865500	2720.0000	1.8000
RE DISCCART	390000	3865500	2700.0000	1.8000
RE DISCCART	390500	3865500	2690.0000	1.8000
RE DISCCART	391000	3865500	2680.0000	1.8000
RE DISCCART	391500	3865500	2660.0000	1.8000
RE DISCCART	392000	3865500	2650.0000	1.8000
RE DISCCART	392500	3865500	2630.0000	1.8000
	393000	3865500	2620.0000	1.8000
	393500	3865500	2600.0000	1.8000
RE DISCCART			2590.0000	1.8000
RE DISCCART	394000	3865500		1.8000
RE DISCCART	394500	3865500	2580.0000	
RE DISCCART	395000	3865500	2560.0000	1.8000
RE DISCCART	395500	3865500	2560.0000	1.8000
RE DISCCART	396000	3865500	2560.0000	1.8000
RE DISCCART	396500	3865500	2580.0000	1.8000
RE DISCCART	397000	3865500	2600.0000	1.8000
RE DISCCART	397500	3865500	2600.0000	1.8000
RE DISCCART	398000	3865500	2620.0000	1.8000
RE DISCCART	398500	3865500	2620.0000	1.8000
RE DISCCART	399000	3865500	2630.0000	1.8000
RE DISCCART	399500	3865500	2620.0000	1.8000
RE DISCCART	400000	3865500	2610.0000	1.8000
	386000	3866000	2780,0000	1.8000
RE DISCOART	386500	3866000	2780.0000	1.8000
RE DISCCART			2780.0000	1.8000
RE DISCCART	387000	3866000		1.8000
RE DISCCART	387500	3866000	2770.0000	
RE DISCCART	388000	3866000	2760.0000	1.8000

	THE DISCOURT	300500	2066000	2740.0000	1.8000
	RE DISCCART	388500	3866000		
	RE DISCCART	389000	3866000	2730.0000	1.8000
	RE DISCCART	389500	3866000	2720.0000	1.8000
	RE DISCCART	390000	3866000	2710.0000	1.8000
16.5		390500	3866000	2700.0000	1.8000
	RE DISCCART				
-	RE DISCCART	391000	3866000	2680.0000	1.8000
	RE DISCCART	391500	3866000	2670.0000	1.8000
				2660.0000	
	RE DISCCART	392000	3866000		1.8000
	RE DISCCART	392500	3866000	2640.0000	1.8000
	RE DISCCART	393000	3866000	2620,0000	1.8000
	RE DISCCART	393500	3866000	2600.0000	1.8000
	RE DISCCART	394000	3866000	2590.0000	1.8000
	RE DISCCART	394500	3866000	2580.0000	1.8000
	RE DISCCART	395000	3866000	2560.0000	1.8000
	RE DISCCART	395500	3866000	2550.0000	1.8000
		396000	3866000	2550.0000	1.8000
	2000				
	RE DISCCART	396500	3866000	2550.0000	1.8000
	RE DISCCART	397000	3866000	2560.0000	1.8000
		397500	3866000	2565.0000	1.8000
	RE DISCCART				
	RE DISCCART	398000	3866000	2570.0000	1.8000
	RE DISCCART	398500	3866000	2560.0000	1.8000
		399000	3866000	2560.0000	1.8000
	RE DISCCART				
	RE DISCCART	399500	3866000	2570.0000	1.8000
	RE DISCCART	400000	3866000	2565.0000	1.8000
		386000	3866500	2800.0000	1.8000
	RE DISCCART				
	RE DISCCART	386500	3866500	2800.0000	1.8000
	RE DISCCART	387000	3866500	2790.0000	1.8000
		387500	3866500	2780.0000	1.8000
	RE DISCCART				
	RE DISCCART	388000	3866500	2770.0000	1.8000
	RE DISCCART	388500	3866500	2760.0000	1.8000
				2740.0000	
	RE DISCCART	389000	3866500		1.8000
	RE DISCCART	389500	3866500	2730.0000	1.8000
	RE DISCCART	390000	3866500	2720.0000	1.8000
				2710.0000	1.8000
	RE DISCCART	390500	3866500		
	RE DISCCART	391000	3866500	2700.0000	1.8000
	RE DISCCART	391500	3866500	2680.0000	1.8000
				2660.0000	1.8000
	RE DISCCART	392000	3866500		
	RE DISCCART	392500	3866500	2640.0000	1.8000
	RE DISCCART	393000	3866500	2620.0000	1.8000
	2/2/				
	RE DISCCART	393500	3866500	2600.0000	1.8000
	RE DISCCART	394000	3866500	2590.0000	1.8000
	RE DISCCART	394500	3866500	2580.0000	1.8000
				2560.0000	1.8000
	RE DISCCART	395000	3866500		
	RE DISCCART	395500	3866500	2550.0000	1.8000
	RE DISCCART	396000	3866500	2540.0000	1.8000
	RE DISCCART	396500	3866500	2530.0000	1.8000
-	RE DISCCART	397000	3866500	2530,0000	1.8000
	RE DISCCART	397500	3866500	2530.0000	1.8000
7					
7	RE DISCCART	398000	3866500	2530.0000	1.8000
	RE DISCCART	398500	3866500	2525.0000	1.8000
	RE DISCCART	399000	3866500	2530.0000	1.8000
	RE DISCCART	399500	3866500	2530.0000	1.8000
	RE DISCCART	400000	3866500	2540.0000	1.8000
	RE DISCCART	386000	3867000	2830.0000	1.8000
	RE DISCCART	386500	3867000	2820.0000	1.8000
	RE DISCCART	387000	3867000	2810.0000	1.8000
	RE DISCCART	387500	3867000	2790.0000	1.8000
	RE DISCCART	388000	3867000	2785.0000	1.8000
	RE DISCCART	388500	3867000	2770.0000	1.8000
		389000	3867000	2760,0000	1.8000
	RE DISCCART				
	RE DISCCART	389500	3867000	2740.0000	1.8000
	RE DISCCART	390000	3867000	2730.0000	1.8000
				2720.0000	
	RE DISCCART	390500	3867000		1.8000
	RE DISCCART	391000	3867000	2700.0000	1.8000
	RE DISCCART	391500	3867000	2680.0000	1.8000
	RE DISCCART	392000	3867000	2660.0000	1.8000
	RE DISCCART	392500	3867000	2640.0000	1.8000
	RE DISCCART	393000	3867000	2620.0000	1.8000
	RE DISCCART	393500	3867000	2600.0000	1.8000
	RE DISCCART	394000	3867000	2590.0000	1.8000
	RE DISCCART	394500	3867000	2570.0000	1.8000
	RE DISCCART	395000	3867000	2560.0000	1.8000
	RE DISCCART	395500	3867000	2550.0000	1.8000
	RE DISCCART	396000	3867000	2540.0000	1.8000
	RE DISCCART	396500	3867000	2530.0000	1.8000
	RE DISCCART	397000	3867000	2520.0000	1.8000
	RE DISCCART	397500	3867000	2515.0000	1.8000
	RE DISCCART	398000	3867000	2510.0000	1.8000
	RE DISCCART	398500	3867000	2510,0000	1.8000
	RE DISCCART	399000	3867000	2510.0000	1.8000
	RE DISCCART	399500	3867000	2515.0000	1.8000
	RE DISCCART	400000	3867000	2520.0000	1.8000
	110000 I	386000	3867500	2840.0000	1.8000
	QDE23				
	RE DISCCART	386500	3867500	2840.0000	1.8000
	RE DISCCART	387000	3867500	2830.0000	1.8000
				2820.0000	
	RE DISCCART	387500	3867500		1.8000
	RE DISCCART	388000	3867500	2800.0000	1.8000
4	RE DISCCART	388500	3867500	2790.0000	1.8000
1	The late of			2770.0000	1.8000
. J.	RE DISCCART	389000	3867500		
1	RE DISCCART	389500	3867500	2760.0000	1.8000
	RE DISCCART	390000	3867500	2740.0000	1.8000
	Cartine 1				
	RE DISCCART	390500	3867500	2730.0000	1.8000
	RE DISCCART	391000	3867500	2710:0000	1.8000
	RE DISCCART	391500	3867500	2690.0000	1.8000

DE DISCONDT	302000	3867500	2670.0000	1.8000
RE DISCCART RE DISCCART	392000 392500	3867500	2650.0000	1.8000
RE DISCCART	393000	3867500	2620.0000	1.8000
RE DISCCART	393500	3867500	2600.0000	1.8000
RE DISCCART RE DISCCART	394000 394500	3867500 3867500	2590.0000 2580.0000	1.8000
RE DISCOART	395000	386/500	2560,0000	1.8000
RE DISCCART	395500	3867500	2545,0000	1.8000
RE DISCCART	396000	3867500	2535.0000	1.8000
RE DISCCART RE DISCCART	396500 397000	3867500 3867500	2525.0000 2520.0000	1.8000
RE DISCCART	397500	3867500	2510.0000	1.8000
RE DISCCART	398000	3867500	2510.0000	1.8000
RE DISCCART	398500	3867500	2510.0000	1.8000
RE DISCCART RE DISCCART	399000 399500	3867500 3867500	2510.0000 2510.0000	1.8000
RE DISCCART	400000	3867500	2510.0000	1.8000
RE DISCCART	386000	3868000	2860.0000	1.8000
RE DISCCART	386500	3868000	2860.0000	1.8000
RE DISCCART RE DISCCART	387000 387500	3868000 3868000	2860.0000 2840.0000	1.8000
RE DISCCART	388000	3868000	2820.0000	1.8000
RE DISCCART	388500	3868000	2800.0000	1.8000
RE DISCCART	389000	3868000	2780.0000	1.8000
RE DISCCART RE DISCCART	389500 390000	3868000 3868000	2770,0000 2750,0000	1.8000
RE DISCCART	390500	3868000	2740.0000	1.8000
RE DISCCART	391000	3868000	2720.0000	1.8000
RE DISCCART	391500	3868000	2700.0000	1.8000
RE DISCCART RE DISCCART	392000 392500	3868000 3868000	2680.0000 2660.0000	1.8000
RE DISCCART	393000	3868000	2630.0000	1.8000
RE DISCCART	393500	3868000	2610.0000	1.8000
RE DISCCART	394000	3868000	2590.0000	1.8000
RE DISCCART	394500	3868000	2580.0000 2560.0000	1.8000
RE DISCCART RE DISCCART	395000 395500	3868000 3868000	2550.0000	1.8000
RE DISCCART	396000	3868000	2530.0000	1.8000
RE DISCCART	396500	3868000	2520.0000	1.8000
RE DISCCART	397000	3868000	2515.0000	1.8000
RE DISCCART RE DISCCART	397500 398000	3868000 3868000	2510.0000 2510.0000	1.8000
RE DISCCART	398500	3868000	2510.0000	1.8000
RE DISCCART	399000	3868000	2505.0000	1.8000
RE DISCCART	399500	3868000	2505.0000	1.8000
RE DISCCART RE DISCCART	400000 386000	3868000 3868500	2505.0000 2880.0000	1.8000
RE DISCOART	386500	3868500	2880.0000	1.8000
RE DISCCART	387000	3868500	2870.0000	1.8000
RE DISCCART	387500	3868500	2860.0000	1.8000
RE DISCCART RE DISCCART	388000 388500	3868500 3868500	2850.0000 2820.0000	1.8000
RE DISCCART RE DISCCART	389000	3868500	2800.0000	1.8000
RE DISCCART	389500	3868500	2780.0000	1.8000
RE DISCCART	390000	3868500	2770.0000	1.8000
RE DISCCART	390500	3868500	2740.0000	1.8000
RE DISCCART RE DISCCART	391000 391500	3868500 3868500	2730.0000 2710.0000	1.8000
RE DISCCART	392000	3868500	2680.0000	1.8000
RE DISCCART	392500	3868500	2660.0000	1.8000
RE DISCCART	393000	3868500	2620.0000	1.8000
RE DISCCART RE DISCCART	393500 394000	3868500 3868500	2600.0000 2590.0000	1.8000
RE DISCCART	394500	3868500	2580.0000	1.8000
RE DISCCART	395000	3868500	2565.0000	1.8000
RE DISCCART	395500	3868500	2550.0000	1.8000
RE DISCCART RE DISCCART	396000 396500	3868500 3868500	2540.0000 2530.0000	1.8000
RE DISCCART	397000	3868500	2520.0000	1.8000
RE DISCCART	397500	3868500	2515.0000	1.8000
RE DISCCART	398000	3868500	2510.0000	1.8000
RE DISCCART	398500	3868500	2510.0000	1.8000
RE DISCCART RE DISCCART	399000 399500	3868500 3868500	2505.0000 2500.0000	1.8000
RE DISCCART	400000	3868500	2500.0000	1.8000
RE DISCCART	386000	3869000	2910.0000	1.8000
RE DISCCART	386500	3869000	2900.0000	1.8000
RE DISCCART RE DISCCART	387000 387500	3869000 3869000	2890.0000 2880.0000	1.8000
RE DISCCART	388000	3869000	2865.0000	1.8000
RE DISCCART	388500	3869000	2840.0000	1.8000
RE DISCCART	389000	3869000	2820.0000	1.8000
RE DISCOART	389500	3869000	2800.0000	1.8000
RE DISCCART RE DISCCART	390000 391500	3869000 3869000	2820.0000 2720.0000	1.8000
RE DISCCART	392000	3869000	2680.0000	1.8000
RE DISCCART	392500	3869000	2650.0000	1.8000
RE DISCCART	393000	3869000	2620.0000	1.8000
RE DISCCART RE DISCCART	393500 394000	3869000 3869000	2600.0000 2590.0000	1.8000
RE DISCCART	394500	3869000	2580.0000	1.8000
RE DISCCART	395000	3869000	2570.0000	1.8000
RE DISCCART	395500	3869000	2555.0000	1.8000
RE DISCCART	396000	3869000	2545.0000	1.8000

DD D70003.DM	206500	3869000	25.25 0000	* 0000
RE DISCCART RE DISCCART	396500 397000	3869000	2535.0000 2530.0000	1.8000
RE DISCCART RE DISCCART	397500	3869000	2515.0000	1.8000
RE DISCCART	398000	3869000	2510.0000	1.8000
RE DISCCART	398500	3869000	2510.0000	1.8000
RE DISCCART	399000	3869000	2505.0000	1.8000
RE DISCOART	399500	3869000	2500.0000	1.8000
RE DISCOART	400000	3869000	2500.0000	9.8000
RE DISCCART	386000	3869500	2920.0000	1.8000
RE DISCCART	386500	3869500	2920.0000	1.8000
RE DISCCART	387000	3869500	2910.0000	1.8000
RE DISCOART	387500 388000	3869500 3869500	2890.0000 2880.0000	1.8000
RE DISCCART RE DISCCART	388500	3869500	2860.0000	1.8000
RE DISCCART	389000	3869500	2840.0000	1.8000
RE DISCCART	389500	3869500	2800.0000	1.8000
RE DISCCART	390000	3869500	3340.0000	1.8000
RE DISCCART	392000	3869500	2710.0000	1.8000
RE DISCCART	392500	3869500	2690.0000	1.8000
RE DISCCART	393000	3869500	2670.0000	1.8000
RE DISCCART	393500	3869500	2610.0000	1.8000
RE DISCCART	394000	3869500	2590.0000	1.8000
RE DISCCART	394500	3869500	2580.0000	1.8000
RE DISCCART	395000 395500	3869500 3869500	2570.0000 2560.0000	1.8000
RE DISCCART RE DISCCART	396000	3869500	2550.0000	1.8000
RE DISCCART	396500	3869500	2540.0000	1.8000
RE DISCCART	397000	3869500	2535.0000	1.8000
RE DISCCART	397500	3869500	2520.0000	1.8000
RE DISCCART	398000	3869500	2520.0000	1.8000
RE DISCCART	398500	3869500	2515.0000	1.8000
RE DISCCART	399000	3869500	2510.0000	1.8000
RE DISCCART	399500	3869500	2505.0000	1.8000
RE DISCCART	400000	3869500	2500.0000	1.8000
RE DISCCART	386000 386500	3870000	2940.0000	1.8000
RE DISCCART RE DISCCART	387000	3870000 3870000	2940.0000 2930.0000	1.8000
RE DISCCART	387500	3870000	2900.0000	1.8000
RE DISCCART	388000	3870000	2880.0000	1.8000
RE DISCCART	388500	3870000	2860.0000	1.8000
RE DISCCART	389000	3870000	2840.0000	1.8000
RE DISCCART	391500	3870000	2880.0000	1.8000
RE DISCCART	392000	3870000	2860.0000	1.8000
RE DISCCART	392500	3870000	2850.0000	1.8000
RE DISCCART	393500	3870000	2760.0000	1.8000
RE DISCCART	394000	3870000	2600.0000	1.8000
RE DISCCART	394500 395000	3870000 3870000	2590.0000 2570.0000	1.8000
RE DISCCART RE DISCCART	395500	3870000	2565.0000	1.8000
RE DISCCART RE DISCCART	396000	3870000	2555.0000	1.8000
RE DISCCART	396500	3870000	2550.0000	1.8000
RE DISCCART	397000	3870000	2545.0000	1.8000
RE DISCCART	397500	3870000	2540.0000	1.8000
RE DISCCART	398000	3870000	2535.0000	1.8000
RE DISCCART	398500	3870000	2530.0000	1.8000
RE DISCCART	399000	3870000	2520.0000	1.8000
RE DISCCART	399500	3870000	2510.0000	1.8000
RE DISCCART	400000	3870000	2510.0000	1.8000
RE DISCCART	386000	3870500	2970.0000	1.8000
RE DISCCART RE DISCCART	386500 387000	3870500 3870500	2960.0000 2950.0000	1.8000
RE DISCCART RE DISCCART	387500	3870500	2910.0000	1.8000
RE DISCCART	388000	3870500	2880.0000	1.8000
RE DISCCART	388500	3870500	2860.0000	1.8000
RE DISCCART	389500	3870500	2820.0000	1.8000
RE DISCCART	390000	3870500	2850.0000	1.8000
RE DISCCART	391500	3870500	3000.0000	1.8000
RE DISCCART	392000	3870500	3240.0000	1.8000
RE DISCCART	392500	3870500	3320.0000	1.8000
RE DISCCART	393500 394000	3870500 3870500	2820.0000 2720.0000	1.8000
RE DISCCART RE DISCCART	394500	3870500	2670.0000	1.8000
RE DISCCART	395000	3870500	2590.0000	1.8000
RE DISCCART	395500	3870500	2570.0000	1.8000
RE DISCCART	396000	3870500	2560.0000	1.8000
RE DISCCART	396500	3870500	2560.0000	1.8000
RE DISCCART	397000	3870500	2550,0000	1.8000
RE DISCCART	397500	3870500	2550.0000	1.8000
RE DISCCART	398000	3870500	2545.0000	1.8000
RE DISCCART	398500	3870500	2535.0000	1.8000
RE DISCOART	399000	3870500	2525.0000	1.8000
RE DISCOART	399500	3870500 3870500	2520.0000	1.8000
RE DISCCART RE DISCCART	400000 386000	3870500 3871000	2520.0000 2990.0000	1.8000
RE DISCCART RE DISCCART	386500	3871000	2970.0000	1.8000
RE DISCCART	387000	3871000	2940.0000	1.8000
RE DISCCART	387500	3871000	2910.0000	1.8000
RE DISCCART	388000	3871000	2890.0000	1.8000
RE DISCCART	388500	3871000	2870.0000	1.8000
RE DISCCART	389500	3871000	2840.0000	1.8000
RE DISCCART	390000	3871000	2840.0000	1.8000
RE DISCCART	392500	3871000	3330.0000	1.8000
RE DISCCART	393500	3871000	3050.0000	1.8000
RE DISCCART	394000	3871000	2640.0000	1.8000

RE DISCCART	394500	3871000	2605.0000	1.8000
RE DISCCART	395000	3871000	2590.0000	1.8000
RE DISCCART	395500	3871000	2580.0000	1.8000
RE DISCCART	396000	3871000	2570.0000	1.8000
RE DISCCART	396500	3871000	2565.0000	1.0000
RE DISCCART	397000	3871000	2560.0000	1.8000
RE DISCOART	397500	3871000	2555,0000	1.8000
RE DISCCART	398000	3871000	2550.0000	1.8000
RE DISCCART	398500	3871000	2540.0000	1.8000
	399000	3871000	2540.0000	1,8000
RE DISCCART			2530.0000	1.8000
RE DISCCART	399500	3871000		
RE DISCCART	400000	3871000	2530.0000	1.8000
RE DISCCART	386000	3871500	3000.0000	1,8000
RE DISCCART	386500	3871500	2980.0000	1.8000
RE DISCCART	387000	3871500	2960.0000	1.8000
RE DISCCART	387500	3871500	2930.0000	1.8000
RE DISCCART	388000	3871500	2910.0000	1.8000
RE DISCCART	388500	3871500	2880.0000	1.8000
RE DISCCART	389000	3871500	2860.0000	1.8000
RE DISCCART	393000	3871500	2940.0000	1.8000
RE DISCCART	393500	3871500	2740.0000	1.8000
RE DISCCART	394000	3871500	2640.0000	1.8000
RE DISCCART	394500	3871500	2610.0000	1.8000
RE DISCCART	395000	3871500	2600.0000	1.8000
RE DISCOART	395500	3871500	2580.0000	1.8000
RE DISCOART	396000	3871500	2580.0000	1.8000
	396500	3871500	2570.0000	1.8000
	397000	3871500	2565.0000	1.8000
	397500	3871500	2560.0000	1.8000
RE DISCCART			2555.0000	1.8000
RE DISCCART	398000	3871500		
RE DISCCART	398500	3871500	2550.0000	1.8000
RE DISCCART	399000	3871500	2540.0000	1.8000
RE DISCCART	399500	3871500	2540.0000	1.8000
RE DISCCART	400000	3871500	2610.0000	1.8000
RE DISCCART	386000	3872000	3020.0000	1.8000
RE DISCCART	386500	3872000	3000.0000	1.8000
RE DISCCART	387000	3872000	2970.0000	1.8000
RE DISCCART	387500	3872000	2940.0000	1.8000
RE DISCCART	388000	3872000	2920.0000	1.8000
RE DISCCART	388500	3872000	2900.0000	1.8000
RE DISCCART	389000	3872000	2880.0000	1.8000
RE DISCCART	389500	3872000	2860,0000	1.8000
RE DISCCART	393000	3872000	2760.0000	1.8000
RE DISCCART	393500	3872000	2690.0000	1.8000
RE DISCCART	394000	3872000	2650.0000	1.8000
RE DISCCART	394500	3872000	2630.0000	1.3000
RE DISCOART	395000	3872000	2610.0000	1.8000
RE DISCOART	395500	3972000	2590.0000	1.8000
	396000	3872000	2580,0000	1.8000
RE DISCOART	396500	3872000	2575.0000	1.8000
RE DISCCART	397000	3872000	2570.0000	1.8000
RE DISCCART	397500	3872000	2570.0000	1.8000
RE DISCCART			2565.0000	1.8000
RE DISCCART	396000	3872000 3872000	2560.0000	1.8000
RE DISCCART	396500			1.8000
RE DISCCART	399000	3872000	2550.0000	
RE DISCCART	399500	3872000	2550.0000	1.8000
RE DISCCART	400000	3872000	2540.0000	
RE DISCCART	386000	3872500	3040.0000	1.8000
RE DISCCART	386500	3872500	3020.0000	1.8000
RE DISCCART	387000	3872500	2990.0000	1,8000
RE DISCCART	387500	3872500	2960.0000	1,8000
RE DISCCART	388000	3872500	2940.0000	1,8000
RE DISCCART	388500	3872500	2910.0000	1.8000
RE DISCCART	389000	3872500	2880.0000	1.8000
RE DISCCART	389500	3872500	2860.0000	1.8000
RE DISCCART	392000	3872500	2920.0000	1.8000
RE DISCCART	392500	3872500	2810.0000	1.8000
RE DISCCART	393000	3872500	2720.0000	1.8000
RE DISCCART	393500	3872500	2680.0000	1.8000
RE DISCCART	394000	3872500	2660.0000	1.8000
RE DISCCART	394500	3872500	2640.0000	1.8000
RE DISCCART	395000	3872500	2610.0000	1.8000
RE DISCOART	395500	3872500	2600.0000	1.8000
RE DISCOART	396000	3872500	2730.0000	1.8000
RE DISCCART	396500	3872500	2680.0000	1.8000
	397000	3872500	2580.0000	1.8000
RE DISCCART	397500	3872500	2570.0000	1.8000
RE DISCOART		3872500	2565.0000	1.8000
RE DISCCART	398000		2560.0000	1.8000
RE DISCCART	398500	3872500		1.8000
RE DISCCART	399000	3872500	2555.0000	
RE DISCCART	399500	3872500	2550.0000	1.8000
RE DISCCART	400000	3872500	2545.0000	1.8000
RE DISCCART	386000	3873000	3060.0000	1.8000
RE DISCCART	386500	3873000	3040.0000	1.8000
RE DISCCART	387000	3873000	3010.0000	1.8000
RE DISCCART	387500	3873000	2980.0000	1.8000
RE DISCCART	368000	3873000	2950.0000	1.8000
RE DISCCART	388500	3873000	2920.0000	1.8000
RE DISCCART	389000	3873000	2900.0000	1.8000
RE DISCOART	389500	3873000	2870.0000	1.0000
RE DISCOART	390000	3873000	2845.0000	1.8000
RE DISCOART	390500	3873000	2820.0000	1.8000
RE DISCOART	391000	3873000	2810.0000	1.8000
	391500	3873000	2800.0000	1.8000
RE DISCCART	231200	55.5500	2100.000	2.0000

				. 135
RÉ DISCCART	392500	3873000	2740.0000	1.8000
RE DISCCART	393000	3873000	2710,0000	1.8000
RE DISCCART	393500	3873000	2680,0000	1.8000
RE DISCCART	394000	3873000	2660.0000	1.8000
RE DISCCART	394500	3873000	2640.0000	1.8000
RE DISCCART	395000	3873000	2620.0000	1.8000
RE DISCUART	395500	3873600	2010.0000	1.8000
RE DISCCART	396000	3873000	2600.0000	1.8000
			2595.0000	1.8000
RE DISCCART	396500	3873000		
RE DISCCART	397000	3873000	2560.0000	1.8000
RE DISCCART	397500	3873000	2570.0000	1.8000
RE DISCCART	398000	3873000	2570.0000	1.8000
RE DISCCART	398500	3873000	2565.0000	1.8000
RE DISCCART	399000	3873000	2560.0000	1.8000
RE DISCCART	399500	3873000	2560.0000	1.8000
RE DISCCART	400000	3873000	2720.0000	1.8000
RE DISCCART	386000	3873500	3080.0000	1.8000
	386500	3873500	3050.0000	1.8000
RE DISCOART		3873500	3020.0000	1.8000
RE DISCCART	387000			1.8000
RE DISCCART	387500	3873500	2990.0000	
RE DISCCART	388000	3873500	2960.0000	1.8000
RE DISCCART	388500	3873500	2930.0000	1.8000
RE DISCCART	389000	3873500	2900.0000	1.8000
RE DISCCART	389500	3873500	2880.0000	1.8000
RE DISCCART	390000	3873500	2850.0000	1.8000
RE DISCCART	390500	3873500	2330.0000	1.8000
RE DISCCART	391000	3873500	2800.0000	1.8000
RE DISCCART	391500	3873500	2780.0000	1.8000
RE DISCCART	392500	3873500	2760.0000	1.8000
			2720.0000	1.8000
RE DISCCART	393000	3873500		
RE DISCCART	393500	3873500	2680.0000	1.8000
RE DISCCART	394000	3873500	2700.0000	1.8000
RE DISCCART	394500	3873500	2640.0000	1.8000
RE DISCCART	395000	3873500	2620.0000	1,6000
RE DISCCART	395500	3873500	2610.0000	1.8000
RE DISCCART	396000	3873500	2600.0000	1.8000
RE DISCCART	396500	3873500	2595.0000	1.8000
RE DISCOART	397000	3873500	2590.0000	1,8000
RE DISCCART	397500	3873500	2580.0000	1.8000
			2580.0000	1.8000
RE DISCCART	398000	3873500		
RE DISCCART	398500	3873500	2570.0000	1.8000
RE DISCCART	399000	3873500	2570.0000	1.8000
RE DISCCART	399500	3873500	2560.0000	1.8000
RE DISCCART	400000	3873500	2550.0000	1.8000
RE DISCCART	386000	3874000	3090.0000	1.8000
RE DISCCART	386500	3874000	3070.0000	1.8000
RE DISCCART	387000	3874000	3040.0000	1.8000
RE DISCCART	387500	3874000	3010.0000	1.8000
RE DISCCART	388000	3874000	2980.0000	1.8000
RE DISCCART	388500	3874000	2940.0000	1.8000
RE DISCCART	389000	3874000	2910.0000	1.8000
	389500	3874000	2880.0000	1.8000
RE DISCCART			2860.0000	1.8000
RE DISCCART	390000	3874000		
RE DISCOART	390500	3874000	2830.0000	1.8000
RE DISCCART	391000	3874000	2800.0000	1.8000
RE DISCCART	391500	3874000	2780.0000	1.8000
RE DISCCART	392500	3874000	2760.0000	1.8000
RE DISCCART	393000	3874000	2900.0000	1.8000
RE DISCOART	393500	3874000	2800.0000	1.8000
RE DISCCART	394000	3874000	2650.0000	1.8000
RE DISCCART	394500	3874000	2640.0000	1.8000
RE DISCCART	395000	3874000	2630.0000	1.8000
RE DISCCART	395500	3874000	2620.0000	1.8000
			2610.0000	1.8000
RE DISCOART	396000 396500	3874000 3874000	2600.0000	1.8000
RE DISCCART				
RE DISCCART	397000	3874000	2590.0000	1.8000
RE DISCCART	397500	3874000	2590.0000	1.8000
RE DISCCART	398000	3874000	2585.0000	1.8000
RE DISCCART	398500	3874000	2580.0000	1.8000
RE DISCCART	399000	3874000	2595.0000	1.8000
RE DISCCART	399500	3874000	2720.0000	1.8000
RE DISCCART	400000	3874000	2600.0000	1.8000
RE DISCCART	386000	3874500	3110.0000	1.8000
RE DISCOART	386500	3874500	3080.0000	1.8000
RE DISCOART	387000	3874500	3040.0000	1.8000
	387500	3874500	3020.0000	1.8000
			2980.0000	1.8000
RE DISCCART	388000	3874500		
RE DISCCART	388500	3874500	2950.0000	1.8000
RE DISCCART	389000	3874500	2920.0000	1.8000
RE DISCCART	389500	3874500	2890.0000	1.8000
RE DISCCART	390000	3874500	2860,0000	1.8000
RE DISCCART	390500	3874500	2840.0000	1.8000
RE DISCCART	391000	3874500	2810.0000	1.8000
RE DISCCART	391500	3874500	2780,0000	1.8000
RE DISCCART	392000	3874500	2760.0000	1.8000
RE DISCCART	392500	3874500	2780.0000	1.8000
	393000	3874500	2900.0000	1.8000
RE DISCCART				1.8000
RE DISCCART	393500	3874500	2700.0000	
RE DISCCART	394000	3874500	2660.0000	1,8000
RE DISCCART	394500	3874500	2650.0000	1.8000
RE DISCCART	395000	3874500	2640.0000	1.8000
RE DISCCART	395500	3874500	2630.0000	1.8000
RE DISCCART	396000	3874500	2620.0000	1.8000
RE DISCCART	396500	3874500	2610.0000	1.8000

```
3874500
                                                                 2610.0000
                                                                                      1.8000
RE DISCCART
                               397000
                                                                                      1.8000
                               397500
                                                                  2595.0000
RE DISCCART
RE DISCCART
                               398000
                                                3874500
                                                                  2590.0000
                                                                                      1.8000
                                                                  2580,0000
                                                                                       1.8000
RE DISCCART
                               398500
                                                3874500
                                                                  2610.0000
                                                                                       1.8000
RE DISCCART
                               399000
                                                3874500
                                                                  2790.0000
                                                                                       1.8000
                                                3874500
                               399500
RE DISCCART
                                                                   2580,0000
                                                                                       1.8000
RE DISCOART
                               400000
                                                38/4500
                                                3875000
                                                                  3100.0000
                                                                                      1.8000
RE DISCOART
                               386000
RE DISCCART
                               386500
                                                3875000
                                                                  3080,0000
                                                                  3030.0000
                                                                                       1.8000
RE DISCCART
                               387000
                                                3875000
                               387500
                                                3875000
                                                                  3020.0000
                                                                                       1.8000
RE DISCCART
                                                3875000
                                                                  2990.0000
                                                                                       1.8000
RE DISCCART
                               388000
                                                3875000
                                                                  2960.0000
                                                                                       1.8000
RE DISCCART
                               388500
                                                                                       1.8000
                                389000
                                                3875000
                                                                  2920.0000
RE DISCCART
                                                                  2900.0000
                                                                                       1.8000
RE DISCCART
                               389500
                                                3875000
                                                3875000
                                                                  2865.0000
                                                                                      1.8000
RE DISCCART
                               390000
                                                                                       1.8000
                                                3875000
                                                                  2840,0000
                               390500
RE DISCCART
                                                3875000
                                                                  2810.0000
                                                                                       1.8000
                               391000
RE DISCCART
RE DISCCART
                               391500
                                                3875000
                                                                  2780,0000
                                                                                       1.8000
                                                                                       1.8000
                                                                  2760,0000
                               392000
                                                3875000
RE DISCCART
                                                                  2740.0000
                                                3875000
                                                                                       1.8000
RE DISCCART
                               392500
                                                                   2730.0000
                                                                                       1.8000
                               393000
                                                3875000
RE DISCCART
                                                3875000
                                                                   2700.0000
                                                                                       1.8000
                               393500
RE DISCCART
                                                                                       1.8000
                                394000
                                                3875000
                                                                  2680,0000
RE DISCCART
                                                                  2660.0000
                                                                                       1.8000
                                                3875000
RE DISCCART
                               394500
                                                3875000
                                                                  2650.0000
                                                                                       1.8000
RE DISCCART
                               395000
                                                                                       1.8000
                                                3875000
                                                                  2640.0000
                               395500
RE DISCCART
                               396000
                                                3875000
                                                                  2625.0000
                                                                                       1.8000
RE DISCCART
                                                3875000
                                                                  2615.0000
                                                                                       1.8000
RE DISCCART
                               396500
                                                                                       1.8000
                              397000
                                                3875000
                                                                  2610,0000
RE DISCCART
                                                                  2600,0000
                                                                                       1.8000
                                                3875000
RE DISCCART
                               397500
                                                3875000
                                                                  2595.0000
                                                                                       1.8000
                               398000
RE DISCCART
                                                                  2590.0000
                                                                                      1.8000
                                                3875000
RE DISCCART
                               398500
                                                3875000
                                                                  2580.0000
                                                                                       1.8000
RE DISCCART
                               399000
                                                                                    1.8000
                                                3875000
                              399500
                                                                  2575.0000
RE DISCCART
                                                                  2570.0000
                                                                                       1.8000
RE DISCCART
                               400000
                                                3875000
** DISCPOIR Srcid Xdisc1. Ydisc1. Zelev.1 Zflag.1 **

** BOUNDARY Srcid Range1. Range2. Range3. Range4. Range5. Range6.
RE FINISHED
** Your comments here (Line must start with "**")
ME STARTING
** INPUTFIL Metfil
ME INPUTFIL \METDATA\SOL\SOL91M.ASC
                                                       Metimt
** ANEMHGHT Zref . Zrunit
ME ANEMHGHT 10.0000
** SURFDATA Srfno Ifyr Srname_
                                                         _____Surfx__.__Surfy__._
ME SURFDATA 98765 1991 Onsitemetdata
** UAIRDATA Uppno Iuyr Upname______ Upprx_.__ Uppry_._
ME UAIRDATA 24128 1991 Winnemucca
** STARTEND Strtyr Strtmn Strtdy Strthr Endyr Endmn Enddy Endhr
ME STARTEND 91 01 01 91 12 31
** DAYRANGE Arange
** WDROTATE Rotan.g___
ME WDROTATE 180
** WINDPROF St Prof1. Prof2. Prof3. Prof4. Prof5. Prof6.

** DTHETADZ St Dtdz1. Dtdz2. Dtdz3. Dtdz4. Dtdz5. Dtdz6.

** WINDCATS Weat1. Weat2. Weat3. Weat4. Weat5.
** Your comments here (Line must start with "**")
OU STARTING
** RECTABLE Aveper FIRST SECOND THIRD FOURTH FIFTH SIXTH
OU RECTABLE 1 FIRST
 ** MAXTABLE Aveper Maxnum
** DAYTABLE Avper1 Avper2 Avper3 Avper4
** MAXIFILE Aveper Grpid Thres.h Filnam Format Filnam Format Filnam
                          ### FORMAT FILMAM

| 1 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 2 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 3 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 4 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 5 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 6 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 7 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 8 UNFORM | G:\ACE\GQ91\PCON.BIN |
| 9 UNFORM | G:\ACE\GQ91\PCON.BIN |
OU POSTFILE 1
OU POSTFILE 1
OU POSTFILE 1
                                                                                        20
OU POSTFILE
                   1
OU POSTFILE
OU POSTFILE
                                                                                        20
OU POSTFILE
                                                                                        20
OU POSTFILE
                    1
                                                                                        20
                                 9 UNFORM G:\ACE\GQ91\PCON.BIN
                    1
OU POSTFILE
                               10 UNFORM G:\ACE\GQ91\PCON.BIN
OU POSTFILE
                                11 UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                        20
OU POSTFILE
OU POSTFILE
                                12 UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                        20
OU POSTFILE
                                13 UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                        20
                   1 1 1 1 1 1
                                14 UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                        20
OU POSTFILE
                                     UNFORM G:\ACE\GQ91\PCON.BIN
OU POSTFILE
                                15
                                      UNFORM G:\ACE\GQ91\PCON.BIN
OU POSTFILE
                                16
                                                                                        20
                                      UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                        20
OU POSTFILE
OU POSTFILE
                                18 UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                        20
```

						0.0
ΟU	POSTFILE	1	19	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟU	POSTFILE	1	20	UNFORM	G:\ACE\GQ91\PCON.BIN	20 20
OU	POSTFILE	1	21	UNFORM	G:\ACE\GQ91\PCON.BIN G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	22	UNFORM		
	POSTFILE	1	23	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟÜ	POSTFILE	1	24	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OH		1	25	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OH		1	26	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	27	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	28	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	29	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	1	30	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	31	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	1	32	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	33	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	34	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟU	POSTFILE	1	35	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	36	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟU	POSTFILE	1	37	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	38	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	1	39	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	40	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	41	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	42	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	43	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	1	44	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟŲ	POSTFILE	1	45	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	1	46	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	47	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	1 22	48	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	49	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	50	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	51	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	52	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	53	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	54	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	55	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	56	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	1	57	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	58	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	59	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO		1	60	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	61	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	62	UNFORM	G:\ACE\GQ91\PCON.BIN	20
		1	63	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	1	64	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	1	65		G:\ACE\GQ91\PCON.BIN	20
	POSTFILE			UNFORM		20
OU		1	66	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		1	67	UNFORM	G:\ACE\GQ91\PCON.BIN	20
00		1	68	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	1	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	2	UNFORM	G:\ACE\GQ91\PCON.BIN G:\ACE\GO91\PCON.BIN	20
00		PERIOD	3	UNFORM		20
OU		PERIOD	4	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	5	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	6	UNFORM	G:\ACE\GQ91\PCON.BIN	
OU		PERIOD	7	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	8	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	9	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	10	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	11	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	12	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	13	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	PERIOD	14	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	15	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	16	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	17	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	18	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟU		PERIOD	19	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	PERIOD	20	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	21	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	22	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	23	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	PERIOD	24	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	25	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	PERIOD	26	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	27	UNFORM	G:\ACE\GQ91\PCON.BIN	20
QU	POSTFILE	PERIOD	28	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU	POSTFILE	PERIOD	29	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	PERIOD	30	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	PERIOD	31	UNFORM	G:\ACE\GQ91\PCON.BIN	20
υo	POSTFILE	PERIOD	32	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ŲΟ	POSTFILE	PERIOD	33	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	PERIOD	34	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	35	UNFORM	G:\ACE\GQ91\PCON.BIN	20
	POSTFILE	PERIOD	36	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO		PERIOD	37	UNFORM	G:\ACE\GQ91\PCON.BIN	20
UO	POSTFILE	PERIOD	38	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟU		PERIOD	39	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	40	UNFORM	G:\ACE\GQ91\PCON.BIN	20
บ๐	POSTFILE	PERIOD	41	UNFORM	G:\ACE\GQ91\PCON.BIN	20
OU		PERIOD	42	UNFORM	G:\ACE\GQ91\PCON.BIN	20
ΟU		PERIOD	43	UNFORM	G:\ACE\GQ91\PCON.BIN	20
υo			44	UNFORM	G:\ACE\GQ91\PCON.BIN	20
-	—				_	

```
OU POSTFILE PERIOD
                                    UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                    20
                                    UNFORM G:\ACE\GQ91\PCON.BIN
UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                    20
OU POSTFILE PERIOD
                              46
                                                                                     20
OU POSTFILE PERIOD
OU POSTFILE PERIOD
                              47
                                               G:\ACE\GQ91\PCON.BIN
                              48
                                    UNFORM
OU POSTFILE PERIOD
                                    UNFORM
                                               G:\ACE\GQ91\PCON.BIN
                                                                                     20
                              49
                                               G:\ACE\GQ91\PCON.BIN
G:\ACE\GQ91\PCON.BIN
G:\ACE\GQ91\PCON.BIN
                                                                                     20
OU POSTFILE PERIOD
                              50
                                    UNFORM
                                                                                     20
OU POSTFILE PERIOD
                              51
                                    UNFORM
                                    UNFORM
                                                                                     20
OU POSTFILE PERIOD
OU POSTFILE PERIOD
OU POSTFILE PERIOD
                              52
                              53
                                    UNFORM
                                               G:\ACE\GQ91\PCON.BIN
                                                                                     20
                                    UNFORM
                                               G:\ACE\GQ91\FCON.BIN
                                                                                     20
OU POSTFILE PERIOD
                              55
                                    UNFORM
                                               G:\ACE\GQ91\PCON.BIN
                                                                                     20
                                               G:\ACE\GQ91\PCON.BIN
G:\ACE\GQ91\PCON.BIN
G:\ACE\GQ91\PCON.BIN
                              56
57
                                    UNFORM
UNFORM
                                                                                     20
OU POSTFILE PERIOD
OU POSTFILE PERIOD OU POSTFILE PERIOD
                                                                                     20
                                                                                     20
                              58
                                    UNFORM
OU POSTFILE PERIOD
                                    UNFORM
                                               G:\ACE\GQ91\PCON.BIN
                                                                                     20
OU POSTFILE PERIOD
                                    UNFORM
                                               G:\ACE\GQ91\PCON.BIN
                                                                                    20
20
                                    UNFORM G:\ACE\GQ91\PCON.BIN
UNFORM G:\ACE\GQ91\PCON.BIN
UNFORM G:\ACE\GQ91\PCON.BIN
OU POSTFILE PERIOD
                                                                                     20
                              62
63
OU POSTFILE PERIOD
                                                                                     20
OU POSTFILE PERIOD
OU POSTFILE PERIOD
                                    UNFORM G:\ACE\GQ91\PCON.BIN
                                                                                     20
                               64
                                                                                     20
20
OU POSTFILE PERIOD
                               65
                                    UNFORM G:\ACE\GQ91\PCON.BIN
                              66 UNFORM G:\ACE\GQ91\PCON.BIN
67 UNFORM G:\ACE\GQ91\PCON.BIN
68 UNFORM G:\ACE\GQ91\PCON.BIN
OU POSTFILE PERIOD
                                                                                     20
OU POSTFILE PERIOD
OU POSTFILE PERIOD 68 UNFORM G:\ACE\GQ91
** PLOTFILE Aveper Grpid Hivalu Filnam
** TOXXFILE Aveper Cutoff Filnam
                                                                                     20
```



APPENDIX C

GOLDEN QUEEN MINING COMPANY

РМ	10 emissions	@Ore Production, MMTPY 3.6			Blasting Sq Ft.	14161		
		Source	g/s hr	g/s/m2		g/s/m2	lb/hr	lb/yr
)		DRILLING_PIT1	1.958E-03	1.958E-08		1.627E-08	0.02	113.11
		DRILLING_PIT2	1.958E-03	1.958E-08		1.627E-08	0.02	113.11
		DRILLING_PIT3	7.539E-03	1.958E-08		1.627E-08	0.06	435.47
		DRILLING_PIT4	9.253E-03	1.958E-08		1.627E-08	0.07	534.45
		DRILLING_PIT5	2.977E-03	1.958E-08		1.627E-08	0,02	171.93
		DRILLING_PIT6	2.977E-03	1.958E-08		1.627E-08	0.02	171.93
		BLASTING_PIT1	5.519E+01	5.519E+01		3.398E-01	438.00	23620.92
	8 1	BLASTING_PIT2	5.519E+01	5.519E+01	3.398E-01	3.398E-01	438.00	23620.92
		BLASTING_PIT3	5.519E+01	5.519E+01	1.308E+00	1.308E+00	438.00	90940.54
1	0 1	BLASTING_PIT4	5.519E+01	5.519E+01	1.605E+00	1.605E+00	438.00	111608.84
1	1 1	BLASTING_PIT5	5.519E+01	5.519E+01	5.164E-01	5.164E-01	438.00	35903.80
1	2 1	BLASTING_PIT6	5.519E+01	5.519E+01	5.164E-01	5.164E-01	438.00	35903.80
1	3 100000	TRKLOAD_PIT1	3.622E-03	3.622E-08	3.745E-03	3.745E-08	0.03	260.37
1	4 100000	TRKLOAD_PIT2	3.622E-03	3.622E-08	3.745E-03	3.745E-08	0.03	260.37
1	5 385000	TRKLOAD_PIT3	1.394E-02	3.622E-08	1.442E-02	3.745E-08	0.11	1002.44
1	6 472500	TRKLOAD_PIT4	1.711E-02	3.622E-08	1.770E-02	3.745E-08	0.14	1230.27
1	7 152000	TRKLOAD_PIT5	5.505E-03	3.622E-08	5.693E-03	3.745E-08	0.04	395.77
1	8 152000	TRKLOAD_PIT6	5.505E-03	3.622E-08	5.693E-03	3.745E-08	0.04	395.77
1	9 25000	HAULO_1	1.705E-02	6.819E-07	1.136E-02	4.546E-07	0.14	790.09
2	0 25000	HAULO_2	1.705E-02	6.819E-07	1.136E-02	4.546E-07	0.14	790.09
2	121000	HAULO_3	8.250E-02	6.819E-07	5.500E-02	4.546E-07	0.65	3824.03
2	2 182250	HAULO_4	1.243E-01	6.819E-07	8.285E-02	4.546E-07	0.99	5759.75
2	3 38000	HAULO_5	2.591E-02	6.819E-07	1.727E-02	4.546E-07	0.21	1200,94
_ 2	4 38000	HAULO_6	2.591E-02	6.819E-07	1.727E-02	4.546E-07	0.21	1200.94
7	5 3025	TRKUNLOAD_ORE	1.450E-02	4.794E-06	1.192E-02	3.942E-06	0.12	829.00
2 2	6 1	BAGHOUSE_1	7.456E-03	7.456E-03	7.456E-03	7.456E-03	0.06	518.40
2	7 1	CONVEYING	1.553E-02	1.553E-02	1.009E-02	1.009E-02	0.12	701.63
2	8 585000	TRU-WST_1	2.149E-02	3.673E-08	1.702E-02	2.910E-08	0.17	1183,59
2	9 70000	TRU-WST_2	2.571E-03	3.673E-08	2.037E-03	2,910E-08	0.02	141.63
3	0 192500	TRU-WST_3	7.071E-03	3.673E-08	5.602E-03	2.910E-08	0.06	389.47
3	1 324275	TRU-WST_4	1.191E-02	3.673E-08	9.437E-03	2.910E-08	0.09	656.09
3	2 170625	TRU-WST_5	6.267E-03	3.673E-08	4.965E-03	2.910E-08	0.05	345.21
3	3 585000	DOZING_WASTE_DUMP1	4.133E-02	7.066E-08	4.640E-03	7.931E-09	0.33	322.56
3	4 70000	DOZING_WASTE_DUMP2	4.946E-03	7.066E-08	5.552E-04	7,931E-09	0.04	38.60
3		DOZING_WASTE_DUMP3	1.360E-02	7.066E-08	1.527E-03	7.931E-09	0.11	106,14
3	6 324275	DOZING_WASTE_DUMP4	2.291E-02	7.066E-08	2.572E-03	7.931E-09	0.18	178,80
3	7 170625	DOZING_WASTE_DUMP5	1.206E- 0 2	7.066E-08	1.353E-03	7.931E-09	0.10	94,08
3	8 585000	WIND_EROSION1	1.444E-01	2.469E-07	4,513E-02	7.715E-08	1,15	3137.66
3	9 70000	WIND_EROSION2	1.728E-02	2.469E-07	5.400E-03	7.715E-08	0.14	375.45
4	0 192500	WIND_EROSION3	4.752E-02	2.469E-07	1.485E-02	7.715E-08	0.38	1032.48
4		WIND_EROSION4	8.005E-02	2.469E-07	2.502E-02	7.715E-08	0.64	1739.25
4		WIND_EROSION5	4.212E-02	2.469E-07	1.316E-02	7.715E-08	0.33	915.15
			3.320E+02	3.312E+02	5.077E+00	4.643E+00	2.635E+03	3.530E+05

f:..\goldquen\air\gqisc3.wb2 November 95

```
3.173E-04
3.511E-04
3.914E-04
              0.000E+00
0.000E+00
    571
572
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     9.818E+00
                             0.000E+00
                                            3.069E-02
3.422E-02
                                                           0.000E+00
0.000E+00
                                                                                         1.086E-03
                                                                          3.604E-02
                                                                                                                                                     9 118E+00
                                                                          4.018E-02
                                                                                         1,204E-03
                                                                                                                       0.000E+00
                                                                                                                                      0-000E+00
    573
              0.000E+00
                             0.000E+00
                                                                                                                                                     8 755E+00
                                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                             0.000E+00
                                            3.663E-02
                                                           0.000E+00
                                                                          4.301E-02
                                                                                         1 295E-03
                                                                                                        4 191E-04
    74
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.657E+00
                                                                                                        4.326E-04
                                                                                                                       0.000E+00
                                            3.780E-02
3.785E-02
                                                                                         1.343E-03
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                          4.439E-02
                                                           0.000E+00
                                                                                         1.352E+03
                                                                                                        4.332E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.666E+00
     76
              0.000E+00
                             0.000E+00
                                                                                                                       0.U00E+00
                                                                                                                                      0.000E+00
                                                                                                        4.232E-04
                             0.000E+00
                                             3.696E-0Z
                                                           0.000E+00
                                                                          4.341E-02
                                                                                         1.327E-03
    577
              0.000E+00
                                                                          4,155E-02
                                                                                         1.276E-03
                                                                                                        4.050E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.273E+00
    578
              0.000E+00
                             0.000E+00
                                            3.537E-02
                                                           0.000E+00
                                            3.329E-02
3.754E-02
                                                                                                                                      0.000E+00
                                                                                                                                                     6.999E+00
                                                           0.000E+00
                                                                          3.911E-02
                                                                                         1.206E-03
                                                                                                        3.813E-04
                                                                                                                       0.000E+00
0.000E+00
              0.000E+00
                             0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.067E+01
                                                                                         1.609E-03
1.562E-03
                             0.000E+00
                                                           0.000E+00
                                                                          4.420E-02
4.737E-02
                                                                                                        4 311E-04
              0.D00E+00
    580
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.112E+01
                                                                                                        4.610E-04
              0.000E+00
                             0.000E+00
                                            4.022E-02
                                                           0.000E+00
    581
                                                                                                                                                     1,163E+01
                                                                                                                                      0.000E+00
                                            4.248E-02
                                                           0.000E+00
                                                                          5.003E-02
                                                                                         1,487E-03
                                                                                                        4.866E-04
                                                                                                                       0.000E+00
                             0.000E+00
              0.00E+00
                                                                                                        4.551E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                          4.679E-02
5.047E-02
                                                                                         1.389E-03
1.500E-03
                                            3.973E-02
                                                           0.DOOE+00
              0.000E+00
                             0.000E+00
    583
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.150E+01
                                                                                                        4.910E-04
              0.000E+00
                                                           0.DO0E+00
                             0.000E+00
                                            4.288E-02
    584
                                                                                                                                      0.000E+00
                                                                                                                                                     1.148E+01
                                                                                         1.476E-03
1.863E-03
                                                                                                        4.832E-04
6.093E-04
                                                                                                                       0.000E+00
0.000E+00
                                                           0.000E+00
                                                                          4.966E-02
                                             4.220E-02
                             0.000E+00
     585
              0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.184E+01
                             0.000E+00
                                             5.326E-02
                                                           0.00DE+00
                                                                          6.257E-02
              0.000E+00
    586
                                                                                                        6,652E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.227E+01
                                                                          6.827E-02
                                                                                         2.034E-03
                                            5.817E-02
1.117E-01
                             0.000E+00
                                                           0.000E+00
    587
              0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.242E+01
                                                           0.000E+00
                                                                          1.313E-01
                                                                                         4.113E-03
                                                                                                        1.280E-03
                             0.000E+00
0.000E+00
    588
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.165E+01
                                                                                         2.946E-03
1.795E-03
              0.000E+00
                                             7.683E-02
                                                           0.000E+00
                                                                          9.034E-02
5.595E-02
                                                                                                        8.808E-04
    5A9
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.230E+01
                                                                                                        5.460E-04
    590
              0.000E+00
                             0.000E+00
                                             4.761E-02
                                                           0.000E+00
                                                                                         1.451E-03
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     1.235E+01
1.191E+01
                                                                          4.870E-02
                                                                                                        4.743E-04
                                                                                                                       0.000E+00
                                                           0.000E+00
                                             4.146E-02
              0.000E+00
                             0.000E+00
    591
                                                                                                                       0.000E+00
                                                                                                        5.098E-04
                                                                          5.235E-02
5.422E-02
                             0.000E+00
                                             4.456E-02
                                                           0.000E+00
                                                                                         1.564E-03
              0.000E+00
    592
                                                                                         1.629E-03
                                                                                                        5.281E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.134E+01
              0.000E+00
                             0.000E+00
0.000E+00
                                            4.616E-02
4.597E-02
    593
                                                           0.000E+00
                                                                                                                                                     1.082E+01
                                                           0.000E+00
                                                                          5.400E-02
                                                                                         1.636E-03
                                                                                                        5.262E-04
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
    594
              0 000E+00
                                                                                                        5.059E-04
                                                                                                                                      0.000E+00
                                                                                                                                                     1.048E+01
                                                                          5.191E-02
4.845E-02
                             0.000E+00
                                             4.419E-02
                                                           0.000E+00
                                                                                         1.587E-03
              0.000E+00
    595
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     9.761E+00
9.232E+00
                                                                                                        4.723E-04
                                                                                                                       0.000E+00
                                                                                          1.493E-03
     596
              0.000E+00
                             0.000E+00
0.000E+00
                                            4.124E-02
3.762E-02
                                                           0.000E+00
                                                                                                        4.310E-04
3.865E-04
                                                                                                                       0.000E+00
0.000E+00
                                                                                         1.372E-03
1.237E-03
                                                           0.000E+00
                                                                          4.421E-02
    597
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.794E+00
                                                                          3.965E-02
3.511E-02
              0.000E+00
                             0.000E+00
                                             3.373E-02
                                                           0.000E+00
    598
                                                                                         1.100E-03
9.687E-04
8.473E-04
                                                                                                        3.424E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.407E+00
                                            2.987E-02
                                                           0.000E+00
              0.000E+00
                             0.000E+00
0.000E+00
     599
                                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     8.210E+00
                                                                                                        3.006E-04
                                             2.622E-02
                                                           0.000E+00
                                                                          3.083E-02
    600
              0.000E+00
                                                                                                                                                     7.519E+00
7.318E+00
                                                                          2 691E-02
                                                                                                        2.624E-04
2.282E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                            2.289E-02
1.990E-02
                             0.000E+00
                                                           0 000E+00
              0.000E+00
    601
                                                           0.000E+00
                                                                          2.340E-02
                                                                                         7.379E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
              0.000E+00
    602
                                                                                                                                      0.000E+00
                                                                                                                                                     1.145E+01
                                             9.550E-02
                                                                          1.119E-01
                                                                                         3.340E-03
                                                                                                        1.091E-03
                                                                                                                       0.000E+00
                                                           0.000E+00
    603
              0.000E+00
                                                                                         3,482E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1,215E+01
                                                                                                        1.138E-03
                             0.000E+00
                                             9.956E-02
                                                           0.000E+00
                                                                          1.167E-01
               0.000E+00
    604
                                             1.042E-01
                                                                          1,222E-01
                                                                                         3.643E-03
                                                                                                        1.191E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     1.288E+01
                                                           0.000E+00
                             0.000E+00
0.000E+00
              0.000E+00
     605
                                                                                                                                                     1.363E+01
                                                                                                                       0.000E+00
                                             1.095E-01
                                                                                                        1,252E-03
1,325E-03
                                                           0.000E+00
                                                                          1.285E-01
                                                                                         3.830E-03
              0.000E+00
    606
                                                                                                                                      0.000E+00
                                                                                                                                                     1.442E+01
                                                                                                                       0.000E+00
                                                                          1.361E-01
                                                                                         4.054E-03
              0.000E+00
                             0.000E+00
                                             1.159E-01
                                                           0.0005+00
    607
                                                                                                        1.416E-03
1.531E-03
6.412E-04
                                                                                                                                                     1.446E+01
1.501E+01
                                                            0.000E+00
                                                                          1.454E-01
                                                                                         4.329E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                             1.238E-01
               0.000E+00
                                                                          1.573E-01
6.575E-02
                                                                                         4.681E-03
2.855E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                             1,339E-01
                                                            0.000E+00
    609
               0.000E+00
                                                                                                                                                     1.521E+01
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
               0.000E+00
                             0.000E+00
                                             5.612E-02
                                                           0.000E+00
    610
                                                                                                                                      0.000E+00
0.000E+00
                                                            0.000E+00
                                                                          6.500E-02
                                                                                          1.948E-03
                                                                                                        6.331E-04
                                                                                                                       0.000E+00
                                                                                                                                                     1.539E+01
                             0.000E+00
0.000E+00
                                             5.533E-02
    611
               0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     1.514E+01
                                                                          6.250E-02
5.650E-02
                                                                                         1.902E-03
1.753E-03
                                                                                                        6.090E-04
5.509E-04
                                             5.319E-02
                                                            0.000E+00
               0.000E+00
    612
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.394E+01
                             0.000E+00
                                             4.808E-02
                                                           0.000E+00
               0.000E+00
    613
                                                                                                        4.767E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.291E+01
                                                            0.000E+00
                                                                          4.888E-02
                                                                                          1.540E-03
               0 000E+00
                             0.000E+00
                                             4.159E-02
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                     PM10
                                                         Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                           11/07/95
                                                                                                                                        09:41:42
                                                                                                                                                      Page -
Innut File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                     1,233E+01
1,169E+01
                                            3.500E-02
3.106E-02
2.963E-02
2.825E-02
                                                                                                                                      0.000E+00
                                                                           4.114E-02
                                                                                                        4.013E-04
                                                                                                                       0.000E+00
                                                            0 000E+00
                              0.000E+00
                                                                          3.647E-02
3.480E-02
3.317E-02
                                                                                         1.106E-03
1.058E-03
1.010E-03
                                                                                                        3,554E-04
3,391E-04
3,233E-04
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                           0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
               0.000E+00
0.000E+00
    616
                                                                                                                                      0.000E+00
                                                                                                                                                     1.133E+01
    617
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.034E+01
    618
               0.000E+00
                              0.000E+00
                                                           0.000E+00
                                             2,692E-02
2.566E-02
                                                                                                        3,081E-04
2,938E-04
2,803E-04
                                                                                          9.646E-04
                                                                                                                       0 000E+DD
                                                                                                                                      0.000E+00
                                                                                                                                                     1.005E+01
                                                            0.00DE+00
     619
               0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     9,286E+00
                                                                                                                       0.000E+00
                                                                                         9.211E-04
B.799E-04
                                                            0.000E+00
                                                                          3.014E-02
    620
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     B.943E+00
                                             2.449E-02
2.339E-02
2.236E-02
                                                                          2.876E-02
     621
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                          2.746E-D2
                                                                                          8.411E-04
                                                                                                        2.677E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.090E+00
                             0.000E+00
0.000E+00
               0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.784E+00
                                                            0.000E+00
                                                                          2.626E-02
2.513E-02
                                                                                         8.049E-04
7.709E-04
                                                                                                        2.560E-04
2.450E-04
                                                                                                                       0.0005+00
    623
624
               0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7 326E+00
                                             2.140E-02
1.673E-01
                              0.000E+00
                                                            0.000E+00
               0.000E+00
                                                                                          5.909E-03
                                                                                                        1.913E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.198E+01
                             0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           1.964E-01
     625
               0 000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     1.241E+01
                                             1.735E-01
1.799E-01
                                                                          2.036E-01
2.112E-01
2.192E-01
                                                                                                                                      0.000E+00
                                                                                         6.119E-03
6.334E-03
                                                                                                        1.984E-03
2.058E-03
                                                            0.000E+00
               0.000E+00
     626
                                                                                                                                      0.000E+00
                                                                                                                                                     1,218E+01
                                                                                                                        0.000E+00
                              0.000E+00
               0.000E+00
                                                            0.000E+00
     627
                                                                                          6.562E-03
                                                                                                        2,136E-03
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.207E+01
                                             1.867E-01
                                                            0.000E+00
     628
               0 000E+00
                              0.000E+00
                                                                                         6.823E-03
7.159E-03
7.674E-03
                                                                                                        2.225E-03
2.338E-03
                                                                                                                                      0.000E+00
                                                                                                                                                     1.542E+01
                                             1.945E-01
                                                            0.000E+00
                                                                           2.284E-01
                                                                                                                        0.000E+00
                              0.000E+00
     629
               0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     1.718E+01
                                                                          2.401E-01
                              0.000E+00
                                             2.045E-01
                                                            0.000E+00
     630
               0.000E+00
                                                                                                                                                     1.910E+01
2.169E+01
                                             2.194E-01
                                                                           2.576E-01
                                                                                                        2,509E-03
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                            0.000E+00
                             0.000E+00
0.000E+00
     631
               0.000E+00
                                                                                                                                      0.000E+00
                                             2.452E-01
                                                            0.000E+00
                                                                           2.879E-01
                                                                                         8.576E-03
1.447E-03
                                                                                                        2.805E-03
                                                                                                                        0.000E+00
     632
               0 000E+00
                                                                                                        4.567E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     2.061E+01
                              0.000E+00
                                             3.990E-02
                                                            D DODE+DD
                                                                           4.682E-02
     633
               0.000E+00
                                                                                          1.306E-03
                                                                                                        4.097E-04
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.789E+01
                                                            0.000E+00
                                                                           4.202E-02
                                             3.577E-02
               0.000E+00
                              0.000E+00
     634
                                                                                                                                      0.000E+00
                                                                                                                                                     1.680E+01
                                                                           3.794E-02
                                                                                          1.183E-03
                                                                                                        3.698E-04
                                                                                                                        0.000E+00
                              0 none+00
                                             3.227E-02
                                                            0.000E+00
     635
               0 000E+00
                                                                                                        3.404E-04
3.167E-04
                                             2.970E-02
2.763E-02
2.587E-02
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.552E+01
                                                                          3.492E-02
3.248E-02
                                                            0.000E+00
                                                                                          1.090E-03
               0.000E+00
                              0.000E+00
     636
                                                                                          1.014E-03
9.493E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     1.446E+01
1.326E+01
                                                            0.000E+00
     637
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           3.041E-02
                                                                                                        2.965E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     638
               0 000E+00
                              0.000E+00
                                                                                                        2.789E-04
                                                                                                                                       0.000E+00
                                                                                                                                                     1.226E+01
                                             2.433E-02
                                                            0.000E+00
                                                                           2.861E-02
                                                                                          8.923E-04
                                                                                                                        0.000E+00
                              0.000E+00
               0.000E+00
     639
                                                                                          8.418E-04
                                                                                                        2.633E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.141E+01
                                                                           2.701E-02
               0.000E+00
                              0.000E+00
                                             2.297E-02
                                                            0 nnnE+00
     640
                                                                                                        2.494E-04
2.369E-04
2.255E-04
2.152E-04
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     1 017E+01
                                                            0.000E+00
                                                                           2.558E-02
                                                                                          7.966E-04
                                                                                                                                       0.000E+00
                                             2.176E-02
     641
               0.000E+00
                              0.000E+00
                                                                                                                                                     9.952E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             2.067E-02
                                                            0.000E+00
                                                                           2.430E-02
                                                                                          7.560E-04
7.193E-04
               0.000E+00
     642
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     9.453E+D0
                                             1.968E-02
                              0.000E+00
                                                            0 0005+00
                                                                           2 314E-02
               0.000E+00
     643
                                                                                                                                                     8,852E+00
                                                            0.000E+00
                                                                           2.208E-02
                                                                                          6.859E-04
                                                                                                                        0.000E+00
                                                                                                                                       0 000E+00
                                             1.878E-02
     644
               0.000E+00
                              0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      B.376E+00
                                             1.796E-02
1.720E-02
                                                                                                        2.058E-04
1.971E-04
                                                                                          6.554E-04
6.275E-04
                                                                                                                        0.000E+00
                                                            0.000E+00
                                                                           2.111E-02
     645
646
               0 000E+00
                              0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      7 777E+00
                                                                           2.022E-02
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.941E-02
                                                                                          6.019E-04
                                                                                                         1.892E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      7.332E+00
                                                            0.GOOE+00
                                             1.651E-02
1.316E-01
     647
               0.000E+00
                              0.000E+00
                                                                                                                                                      1.221E+01
                                                                                          4.949E-03
4.933E-03
                                                                                                                        0.00E+00
                                                                                                                                       0.000E+00
                                                            0.000E+00
                                                                           1.548E-01
                                                                                                         1.510E-03
                              0.000E+00
     648
               0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.309E+01
                                                                           1.531E-01
1.503E-01
                                                                                                         1.493E-03
                                                                                                                        0.000E+00
                                             1.301E-01
1.277E-01
               0.000E+00
                              0.000E+00
                                                            0.000E+00
     649
                                                                                                                                                      1,400E+01
                                                            0.000E+00
                                                                                          4,894E-03
                                                                                                         1.467E-03
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     650
               0.000E+00
                              0.000E+00
                                                                                                                                                      1.500E+01
                                                                                                                                       0.000E+00
                                                                                                         1.430E-03
1.388E-03
                                                                                                                        0.000E+00
                              0.000E+00
                                             1.245E-01
                                                            0.000E+00
                                                                           1.466E-01
                                                                                          4.836E-03
     651
               O. DDDE+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.616E+01
                                                                                                                        0.000E+00
                                                                           1.421E-01
1.381E-01
                                                                                          4.764E-03
     652
                              0.000E+00
                                             1,207E-01
                                                            0.000E+00
               0.000E+00
                                                                                          4.702E-03
                                                                                                         1.349E-03
                                                                                                                        0.000E+00
                                                                                                                                       0 000E+00
                                                                                                                                                      1.766E+01
                                             1.173E-01
1.150E-01
                                                            0.000E+00
     653
               0.000E+00
                              0 000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.979E+01
                                                            0.000E+00
                                                                           1.354E-01
                                                                                          4.633E-03
                                                                                                         1.323E-03
                                                                                                                        0 000E+00
                              0.000E+00
               0.000E+00
     654
                                                                                                                                                      2.309E+01
                                                                                                         1.302E-03
7.753E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             1,132E-01
                                                                                          4.414E-03
2.371E-03
     655
                                                            0.000E+00
                                                                           1.334E-01
               0.000E+00
                                                                           7.968E-02
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     3.400E+01
2.557E+01
     656
657
558
               0.000E+00
                              0 noor+oo
                                             6.770E+02
                                                            0.000E+00
                                                                                                         4 459E-04
                                                                           4.570E-02
3.763E-02
                                                                                          1.366E-03
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.0008+00
                                             3.906E-02
                                                            0.000E+00
               0 000E+00
                                                                                                         3.665E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.146E+01
                                                                                          1.147E-03
                              0.000E+00
                                             3,200E-02
                                                            0.000E+00
               0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.892E+01
                                                                           3.840E-02
                                                                                          1.162E-03
                                                                                                         3.741E-04
                                                                                                                        0.000E+00
                                             3.268E-02
3.152E-02
                                                            0.000E+00
     659
               0,000E+00
                              0.000E+00
                                                                           3.701E-02
                                                                                                                                                      1.721E+01
                              0.000E+00
                                                            0.000E+00
                                                                                          1.117E-03
                                                                                                         3.606E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     660
               0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      1.590E+01
                                                                                                                                       0.000E+00
                                                                                          1.031E-03
9.231E-04
                                                                                                         3.335E-04
               0.000E+00
                              0.000E+00
                                             2.916E-02
                                                            0.000E+00
                                                                           3.422E-02
     661
                                                                                                         2.989E-04
                                                                           3.066E-02
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.479E+01
               0.000E+00
                              0.000E+00
                                             2.614E-02
                                                            0.000E+00
                                                                                                                                                      1.372E+01
                                                            0.000E+00
                                                                           2.694E-02
                                                                                          8.108E-04
                                                                                                         2.627E-04
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             2.297E-02
     663
               0 000E+00
```

9.753E-04

3,256E-02

0.0008+00

2.775E-02

0.000E+00

9.860E+00

0.000E+00

664 665 666	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	1.997E-02 1.729E-02 1.556E-02	0.000E+00 0.000E+00 0.000E+00	2.342E-02 2.027E-02 1.826E-02	7,047E-04 6.100E-04 5.467E-04	2.283E-04 1.977E-04 1.779E-04	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	1.265E+01 1.164E+01 1.080E+01
N QUE	EEN MINING - S e: g:\ace\GQ91	SOLEDAD MIN I	PROJECT - ALI	RECEPTORS, Output File:	1991 MET, PM g:\ace\GQ91\		OUTPUT OF A	MI/SBCAPCD AC 11/07/93		VERS. 93288 * Page - 88
667 668 677 677 677 677 677 677 677 677	0.000E+00	0.00E+00	1.445E-02 1.324E-02 1.324E-02 1.164E-02 1.164E-02 1.112E-02 3.977E-02 4.467E-02 4.467E-02 4.467E-02 6.058E-02 6.058E-02 6.058E-02 1.015E-01 9.379E-02 1.365E-01 4.464E-02 2.579E-02 2.579E-02 2.490E-02 2.578E-02 2.578E-02 2.490E-02 2.490E-02 2.578E-02 1.413E-02 1.413E-02 1.413E-02 1.525E-01 1.706E-01 1.706E-01 1.706E-01 1.706E-01 1.706E-01 1.75E-02 1.715E-02	D.000E+00 0.000E+00	1.694E-02 1.552E-02 1.407E-02 1.367E-02 1.336E-02 1.306E-02 4.627E-02 5.222E-02 5.721E-02 6.348E-02 7.014E-02 7.014E-02 7.783E-02 1.189E-01 1.099E-01 1.605E-01 1.605E-01 2.301E-01 5.238E-02 2.92E-02 2.92E-02 2.982E-02 2.992E-02 2.991E-02	5.072E-04 4.647E-04 4.265E-04 4.183E-04 4.183E-04 4.183E-04 2.166E-03 3.124E-03 3.124E-03 3.124E-03 3.124E-03 3.551E-03 3.551E-03 3.551E-03 3.551E-03 3.551E-03 3.551E-04 4.771E-03 9.451E-04 8.333E-04 9.263E-03 9.263E	1.651E-04 1.513E-04 1.372E-04 1.373E-04 1.373E-04 1.373E-04 4.600E-04 1.273E-04 6.320E-04 6.320E-04 6.320E-04 7.625E-04 7.286E-04 1.160E-03 1.072E-03 1.562E-03 2.238E-03 5.104E-04 2.582E-04 2.946E-04 2.946E-04 2.773E-04 2.583E-04 2.773E-04 2.773E-04 2.742E-04 1.67E-04 1.541E-04	0.000E+00 0.000E+00	0.000E+00	9.993E+00 9.396E+00 8.379E+00 7.926E+00 1.005E+01 1.023E+01 1.023E+01 1.751E+01 1.751E+01 1.751E+01 2.277E+01 2.809E+01 3.264E+01 3.211E+01 1.524E+01 1.661E+01 1.563E+01 1.563E+01 1.162E+01 1.563E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.1737E+01 1.206E+01
GOLDEN QUI	EEN MINING - : e: g:\ace\GQ9	SOLEDAD MTN 1 1\GQPACE,DAT	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, Pt g:\ace\GQ91	410 * \GQPACE.OUT	OUTPUT OF A	MI/SBCAPCD A0 11/07/9		VERS. 93288 * Page - 89
719 720 721 722 723 724 725 726 727 728 730 731 732 733 734 735 737 736 737 738 739 740 741 742 743 7445 7448 7450 751 752	0.00E+00 0.00E+00	0.000E+00	1.897E-02 2.039E-02 2.100E-02 2.037E-02 1.946E-02 1.946E-02 1.586E-02 1.586E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.784E-02 3.033E-02 3.033E-02 3.033E-02 3.033E-02 3.033E-02 3.043E-02 1.683E-02 1.615E-02 1.621E-02 1.765E-02	0.000E+00	2.230E-02 2.396E-02 2.459E-02 2.459E-02 2.391E-02 2.151E-02 2.151E-02 1.716E-02 5.407E-02 5.407E-02 5.407E-02 6.11E-02 6.11E-02 6.11E-02 6.16E-02 1.264E-01 1.680E-01 1.680E-01 1.680E-01 5.618E-02 3.555E-02 3.555E-02 3.555E-02 1.729E-02 1.729E-02 1.976E-02 1.976E-02 1.976E-02 1.995E-02 2.074E-02	6.942E-04 7.404E-04 7.584E-04 7.534E-04 6.953E-04 6.953E-04 6.108E-04 5.656E-04 5.215E-03 1.981E-03 2.413E-03 2.413E-03 2.143E-03 3.113E-03 3.113E-03 3.113E-03 3.113E-03 1.992E-03 1.061E-03 1.061E-03 1.061E-03 1.061E-04 5.914E-04 5.914E-04 5.938E-04 6.381E-04 6.381E-04	2.174E-04 2.335E-04 2.397E-06 2.331E-04 2.26E-04 1.957E-04 1.814E-04 1.674E-04 5.333E-04 5.642E-04 6.015E-04 6.015E-04 6.015E-04 1.016E-03 1.26E-04 1.016E-03 1.558E-03 1.634E-03 3.466E-04 2.529E-04 2.529E-04 1.925E-04 1.876E-04 1.876E-04 1.876E-04 1.967E-04 2.021E-04	0.00E+00	0.000E+00	1.281E+01 1.210E+01 1.159E+01 1.024E+01 9.731E+00 9.354E+00 7.765E+00 7.765E+00 7.714E+00 8.550E+00 8.490E+00 8.490E+00 1.224E+01 1.340E+01 1.240E+01 1.279E+01 1.279E+01 1.377E+01 1.377E+01 1.377E+01 1.377E+01 1.377E+01 1.333E+01 1.355E+01 1.355E+01 1.258E+01 1.258E+01 1.266E+01 1.266E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.029E+01 1.029E+01 1.029E+01

```
2.080E-02
2.048E-02
1.987E-02
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              8.521E+00
                                              1.771E-02
                                                             0.000E+00
                                                                                              6.385E-04
                                                                                                              2.028E-04
                               0.000E+00
     7.53
               0 000E+00
                                              1.744E-02
1.693E-02
1.624E-02
                                                              0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                              6.274E-04
6.077E-04
                                                                                                              1.997E-04
1.937E-04
                                                                                                                              0.000E+00
                                                                                                                                                              8.111E+00
     754
755
               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.921E+00
               0.000E+00
                               0.000E+00
                                                                              1.906E-02
                                                                                              5.822E-04
                                                                                                              1.858E-04
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.236E+00
               0.000E+00
     756
                                                                              5.259E-02
5.742E-02
                                                                                              2,123E-03
1.909E-03
2.149E-03
                                                                                                              5.202E-04
5.605E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              9.460E+00
               0.000E+00
                               0.000E+00
                                               4.533E-02
                                                               0.000E100
                                                                                                                              0.000E+00
     )57
)58
                                                                                                                                              0.000E+00
                                                                                                                                                              1.000E+01
                                                                                                                              0.000E+00
               0.000E100
                               0.000E+00
                                               4.895E-02
                                                               0.000E+00
                               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                              4.911E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.065E+01
                                               4.271E-02
     759
               0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.020E+01
               0.000E+00
                                               5.168E-02
                                                               0.000E+00
                                                                              6.003E-02
                                                                                              1.874E-03
                                                                                                              5.880E-04
                                                                                                                              0 000E+00
     760
                                                                              6.175E-02
6.562E-02
7.073E-02
                                                                                              1.938E-03
1.979E-03
                                                                                                              6.050E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.092E+01
               0.000E+00
                               0.000E+00
                                               5.315E-02
5.657E-02
                                                               0.000E+00
     761
                                                               0.000E+00
                                                                                                              6.428E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.038E+01
               0.000E+00
0.000E+00
                               0.000E+00
                                               6.103E-02
7.079E-02
                                                                                                              6.932E-04
8.109E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              1.010E+01
                               0.000E+00
                                                               0.000E+00
                                                                                              2.135E-03
                                                                                                                              0 000E+00
     763
                                                                              8.303E-02
                                                                                               2.663E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.400E+00
                                                               0.000E+00
                               0.000E+00
0.000E+00
               0.000E+00
     764
                                                                              1.036E-01
                                                                                              3.177E-03
                                                                                                              1.009E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.054E+01
                                               8.813E-02
                                                               0.000E+00
               0.000E+00
0.000E+00
     765
                               0.000E+00
0.000E+00
0.000E+00
                                               9.537E-02
                                                               0.000E+00
                                                                               1.118E-01
                                                                                              3.788E-03
5.021E-03
                                                                                                              1.094E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.069E+01
     766
                                                                                                              1.631E-03
                                                                                                                                              0.000E+00
                                                                                                                                                              1.005E+01
                                                                               1.675E-01
                                                                                                                              0.000E+00
                                               1.425E-01
1.189E-01
                                                               0.000E+00
     767
               0.000E+00
                                                               0.000E+00
                                                                              1.398E-01
                                                                                               4.157E-03
                                                                                                              1.361E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.062E+01
     768
               0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.090E+01
                               0.000E+00
0.000E+00
                                               3.764E-02
                                                               0.000E+00
                                                                              4.422E-02
6.106E-02
                                                                                              1.316E-03
                                                                                                              4.306E-04
5.947E-04
                                                                                                                              0.000E+00
     769
                                                                                              1.818E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.102E+01
                                               5 200E-02
                                                               0.000E+00
               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                               Page -
                                                                                                                                  11/07/95
                                                                                                                                                09:41:42
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.070E+01
                                                                                             1.810E-03
1.290E-03
                                                                                                             5.929E-04
4.214E-04
                                                                                                                              0.000E+00
                                                                              6.096E-02
4.325E-02
                               0.000E+00
                                               5.176E-02
3.686E-02
                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.071E+01
     772
773
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                             8.717E-04
9.757E-04
7.035E-04
                                                                                                             2.848E-04
3.184E-04
2.294E-04
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                               2,492E-02
                                                               0.000E+00
                                                                              2.920E-02
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.078E+01
                                                                                                                                                              1.112E+01
                                               2.790E-02
2.011E-02
                                                              0.000E+00
0.000E+00
                                                                              3.263E-02
2.349E-02
     774
               0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.129E+01
     775
776
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                                              1.280E-04
1.649E-04
                                               1.116E-02
                                                               0.000E+00
                                                                              1.312E-02
                                                                                              4.201E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.078E+01
                                                                                             4.201E-04
5.177E-04
5.615E-04
5.314E-04
5.367E-04
5.367E-04
5.363E-04
5.491E-04
5.522E-04
2.000E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                               1.440E-02
1.591E-02
                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.041E+01
               0.000E+00
                               0.000E+00
                                                                               1.692E-02
     777
                                                                               1.868E-02
                                                                                                              1.820E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.968E+00
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
     778
                                                                              1.776E-02
1.778E-02
1.781E-02
                                                                                                              1.732E-04
1.732E-04
                                               1.515E-02
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.520E+00
     779
                                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              9.044E+00
     780
               0.000E+00
                               0.000E+00
                                               1.514E-02
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                              1.736E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              8.799E+00
                                               1.518E-02
                                                               0.000E+00
     781
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                                              1.614E-04
1.695E-04
                                               1.409E-02
                                                               0.000E+00
                                                                               1.656E-02
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
                                                                                                                                                              7.751E+00
     782
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.849E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                                              1.738E-02
1.784E-02
               0.000E+00
                                               1.480E-02
1.519E-02
                                                               0.000E+00
                                                                                                              1.739E-04
1.753E-04
5.280E-04
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.593E+00
               0.000E+00
0.000E+00
     784
                                                                                                                                              0.000E+00
                                               1.531E-02
                                                               0.000E+00
                                                                               1.798E-02
                                                                                                                              0.000E+00
                                                                                                                                                              7.211E+00
     785
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.222E+00
                                                                              5.364E-02
3.994E-02
                               0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
               0.000E+00
                                               4.618E-02
                                               3.445E-02
                                                                                              1.485E-03
                                                                                                              3.913E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.219E+00
               0.000E+00
0.000E+00
     787
                                                                                              1.850E-03
                                                                                                              4.821E-04
5.283E-04
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
                                                                                                                                                              9.585E+00
                                               4.240E-02
                                                               0.000E+00
                                                                               4.924E-02
     788
                                                                                                                              0.000E+00
                                                                                                                                                              7.958E+00
                                                                                              1.824E-03
                                                                                                                                              0.000E+00
                                                                              5.396E-02
                                               4.647E-02
4.676E-02
                                                               0.000E+00
0.000E+00
     789
               0.000E+00
                               0.000E+00
                                                                                              1.660E-03
1.803E-03
2.491E-03
2.757E-03
                                                                                                              5.309E-04
5.852E-04
8.021E-04
                                                                               5.416E-02
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.994E+00
               0.000E+00
0.000E+00
                               0.000E+00
     790
                                                                              5.970E-02
8.227E-02
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.702E+00
                               0.000E+00
                                               5.154E-02
                                                               0.000E+00
     791
                                                                                                                                              0.000E+00
                                                                                                                                                              7.876E+00
                                               7.013E-02
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                               6.948E-02
                                                               0.000E+00
                                                                               8.158E-02
                                                                                                              7.977E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.964E+00
                               0.000E+00
0.000E+00
     793
               0.000E+00
                                                                                              3.156E-03
3.963E-03
5.007E-03
                                                                                                             1.007E-03
1.197E-03
1.626E-03
               0.000E+00
                                               8.800E-02
                                                               0.000E+00
                                                                               1.035E-01
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.968E+00
     794
                                                                              1.229E-01
                                                                                                                                               0.000E+00
                                                                                                                                                              8.581E+00
     795
               0.000E+00
                               0.000E+00
0.000E+00
                                               1.046E-01
                                                               0.000E+00
                                                                                                                                                              8.572E+00
8.565E+00
                                               1.421E-01
                                                                               1.670E-01
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
     796
                                                                                              3.486E-03
1.267E-03
1.727E-03
1.375E-03
1.186E-03
                                                                              1.172E-01
4.257E-02
5.795E-02
                                                                                                                                              0.000E+00
     797
                                                                                                                              0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                               9,969E-02
                                                               0.000E+00
                                                                                                              1.141E-03
                                                                                                              4.146E-04
                                                                                                                                               0.000E+00
                                                                                                                                                              9.110E+00
                                               3.624E-02
4.937E-02
                                                               0.000E+00
     798
               0.000E+00
                               0.000E+00
                                                                                                              5.646E-04
4.496E-04
3.835E-04
               0.000E+00
0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.918E+00
8.954E+00
     799
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                               0.000E+00
                                                                              4.616E-02
3.934E-02
                               0.000E+00
                                               3.932E-02
     800
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.122E+00
                                                               0.000E+00
               0.000E+00
                               0.000E+00
                                               3.353E-02
     801
                                                                                              1.147E-03
7.794E-04
9.001E-04
                                                                                                              3.746E-04
2.538E-04
2.938E-04
               0.000E+00
                                               3.277E-02
                                                               0.000E+00
                                                                               3.844E-02
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.094E+00
                               0.000E+00
     802
                                                                                                                                              0.000E+00
                                                                                                                                                              9.316E+00
                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                              2.602E-02
3.011E-02
                                               2.223E-02
2.573E-02
     803
               0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.431E+00
     804
               0.000E+00
                               0.000E+00
                               0.000E+00
               0.000E+00
                                               1.858E-02
                                                               0.000E+00
                                                                               2.171E-02
                                                                                               6.500E-04
                                                                                                              2.120E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.500E+00
     805
                                                                                                              1.024E-04
1.313E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.664E+00
                                                                               1.048E-02
1.346E-02
               0.000E+00
                               0.000E+00
                                               8.978E-03
                                                               0.000E+00
                                                                                               3.319E-04
     806
                                                                                               4.269E-04
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                              9.423E+00
                                                               0.000E+00
               0.000E+00
                               0.000E+00
                                               1.146E-02
     807
                                                               0.000E+00
                                                                               1.646E-02
                                                                                               5.047E-04
                                                                                                               1.604E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.137E+00
                               0.000E+00
                                               1.401E-02
               0.000E+00
0.000E+00
     ROB
                               0.000E+00
                                               1.505E-02
                                                               0.000E+00
                                                                               1.766E-02
                                                                                               5.329E-04
4.997E-04
                                                                                                              1.721E-04
1.624E-04
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8 539E+00
     809
                                                                                                                                               0.000E+00
                                                                                                                                                              8.154E+00
               0.000E+00
                               0.000E+00
                                               1.421E-02
                                                               0.000E+00
                                                                               1.666E-02
     810
                                                                                               5.020E-04
                                                                                                               1.595E-04
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                              7.855E+00
                                               1.393E-02
                                                               0.000E+00
                                                                               1.636E-02
               0.000E+00
                               0.000E+00
0.000E+00
     811
                                               1.434E-02
                                                               0.000E+00
                                                                               1.683E-02
                                                                                               5.106E-04
                                                                                                              1.640E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.513E+00
7.372E+00
               0.000E+00
     812
                                                                                                                                               0.000E+00
                                                               0.000E+00
0.000E+00
                                                                               1.603E-02
1.461E-02
                                                                                               4.833E-04
4.514E-04
                                                                                                              1.563E-04
1.424E-04
                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                               1.367E-02
     813
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                              6.779E+00
               0.000E+00
                               0.000E+00
                                               1.244E-02
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED PEAK 1-HOUR CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	Pb	Mn	Hg	Ni	NAPTH	PAH	PROPL	Se	TOL	XYLEN
1 2 3 4 5 6 7 8 9	2.681E-02 1.153E-02 1.094E-02 3.307E-02 3.220E-02 3.111E-02 1.899E-02 2.289E-02 2.400E-02 2.994E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.347E-03 1.009E-03 9.580E-04 2.895E-03 2.818E-03 2.723E-03 1.662E-03 2.003E-03 2.100E-03 2.623E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
11	2.527E-02	0.000E+00	0.000E+00	2.212E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

```
2.545E-03
7.373E-03
              2.906E-02
8.428E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                         7.333E-03
                                                                       0.000E+00
                                                                                      0.000E+00
              8.383E-02
                            0 000E+00
                                           0 000E+00
                                           0.000E+00
                                                         7.179E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      15
              8.206E-02
                            0 000E+00
      16
              7.314E 02
                            0.000E+00
                                           0.000E+00
                                                         6.400E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0-000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              1.659E-02
                                                                                                                                 0.000E+00
                            0 000E+00
                                           0.000E \pm 00
                                                         1.454E-03
2.776E-03
                                                                       0-000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0-000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              3.172E-02
                                                                       0.000E+00
                                                                                                                   0.000E+00
      18
                            0.000E+00
                                           0.000E+00
              3.021E-02
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.644E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                 0.000E+00
              3.855E-02
3.497E-02
                                                         3.374E-03
3.061E-03
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
      21
              3.389E-02
                                                                                      0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.966E-03
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0-000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      23
              3.064E-02
                            0-000E+00
                                           0 -000E+00
                                                         2 681E-03
                                                         2.600E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      24
25
              2.972E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
              4.808E-02
                            0.000E+00
                                           0.000E+00
                                                         4.210E-03
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
      26
27
              4.900E-02
                            0.000E+00
                                           0.000E+00
                                                         4.291E-03
                                                         7.514E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              8.586E-02
                            0.000E+00
                                           0.000E+00
              1.046E-01
                                                         9.159E-03
9.157E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                        0.000E+00
      29
              1.046E-01
                            0.000E+00
                                           0 = 000E+00
              8.727E-02
                            0.000E+00
                                           0.000E+00
                                                         7.637E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      30
              4.964E-02
                            0.000E+00
                                           0.000E+00
                                                         4.347E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
                                                         4.387E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
      32
              5.010E-02
                            0.000E+00
                            0.000E+00
                                                         7.769E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              8.878E-02
                                           0.000E+00
              1.047E-01
      34
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0-000E+00
                                           0.000E+00
                                                         9.167E-03
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                         9.133E-03
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
              1.043E-01
                            0.000E+00
                                           0.000E+00
              1.034E-01
      36
                                                         9.054E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
      37
              1.016E-01
                            0.000E+00
                                           0.000E+00
                                                         8.901E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0,000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              1.123E-01
                                           0.000E+00
                                                         9.837E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
      38
      39
              1.561E-01
                             0.000E+00
                                           0.000E+00
                                                         1.367E-02
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
      40
              1.792E-01
                            0.000E+00
                                           0.000E+00
                                                         1.568E-02
7.604E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
      41
              8.690E-02
                            0.000E+00
                                           0.000E+00
              7.874E-02
                                           0.000E+00
                                                         6.888E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
Input File: g:\ace\GQ91\GQPACE.DAT
                                                       Output File:
                                                                      g:\ace\GQ91\GQPACE.OUT
                                                                                                                      11/07/95
                                                                                                                                   09:41:42
                                                                                                                                                Page
              7.880E-02
                            0.000E+00
                                           0.000E+00
                                                         6.893E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              5.374E-02
5.829E-02
7.957E-02
                            0.000E+00
                                           0.000E+00
                                                         4.707E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                         5.105E-03
6.965E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
      45
                            0.000E+00
                                                                        0 000E+00
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                            0.000E+00
      46
              6.949E-02
                            0.000E+00
                                           0.000E+00
                                                         6.085E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                                                                                                                                                0.000E+00
              6.061E-02
8.907E-02
                                           0.000E+00
0.000E+00
                                                         5.306E-03
7.793E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
      48
                            0.000E+00
                                                                        0.000E+00
                            0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      49
              9.742E-02
                             0.000E+00
                                           0.000E+00
                                                         8.523E-03
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0 000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
      51
52
              1.185E-01
                            0.000E+00
                                           0.000E+00
                                                         1.037E-02
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                                         1.161E-02
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
              1.328E-01
                                                         5.219E-03
4.483E-03
3.903E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
              5.963E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
0.000E+00
      54
55
              5-122E-02
                            0.000E+00
                             0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              4.459E-02
                                           0.000E+00
0.000E+00
                                                         3.440E-03
3.050E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
      56
57
              3.929E-02
                            0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
              3.484E-02
3.196E-02
                            0.000E+00
      58
                            0.000E+00
                                           0.000E+00
                                                         2.798E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                         2.573E-03
2.926E-03
                                                                                                                                                0.000E+00
      59
              2.939E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
      60
              3.342E-02
                            0.000E+00
                                           0.000E+00
                                                         3.036E-03
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              3.469E-02
                            0.000E+00
      61
                                                                                      0.000E+00
0.000E+00
              3.777E-02
                             0.000E+00
                                           0.000E+00
                                                         3.305E-03
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                        0.000E+00
      63
              3 851E-02
                            0 000E+00
                                           0 000E+00
                                                         3 370E-03
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
              3.758E-02
                            0.000E+00
                                           0.000E+00
                                                         3.289E-03
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0:000E+00
      64
                                                                                                                                               0.000E+00
0.000E+00
              3.471E-02
                                           0.000E+00
                                                         3.038E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                             0.000E+00
      66
67
              5.963E-02
6.722E-02
                                           0.000E+00
0.000E+00
                                                         5.218E-03
5.882E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                            0.000E+00
                                                                                                    0 000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
      68
                             0.000E+00
                                           0.000E+00
                                                         6.625E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                         7.796E-03
8.856E-03
      69
70
              8.910E-02
1.012E-01
                            0 000E+00
                                           0_000E+00
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
              5.003E-02
                             0.000E+00
                                           0.000E+00
                                                         4.378E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                               0.000E+00
                                                         4.066E-03
2.223E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
      72
              4.648E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      73
              2.537E-02
                            0 000E+00
                                                         2.226E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                           0.000E+00
      75
                                                                                      0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              4.197E-02
                            0.000E+00
                                           0.000E+00
                                                         3.692E-03
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                         3.562E-03
                                                                                                                                                0.000E+00
      76
77
                            0 000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
              4.070E-02
                                                         3.735E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              4.265E-02
                             0.000E+00
                                           0.000E+00
                                                         5.330E-03
4.611E-03
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
              6.090E-02
5.270E-02
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
      78
                            0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
      79
                            0.000E+00
                                                                                                    0.000E+00
              4.151E-02
                                           0.000E+00
                                                         3.633E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      80
                             0.000E+00
                                                         3.116E-03
3.111E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
      81
              3.559E-02
                            0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                            0.000E+00
      82
              3.553E-02
              4.392E-02
                                                         3.843E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      83
                            0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                         4.924E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              5.628E-02
                                           0.000E+00
0.000E+00
                                                         5.483E-03
5.438E-03
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      85
              6.267E-02
                            0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                                                0.000E+00
              6.216E-02
5.861E-02
                            0 000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
      86
      87
                                           0.000E+00
                                                         5.127E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                                         4.265E-03
3.944E-03
                                                                        0.000E+00
0.000E+00
              4.875E-02
                            0.000E+00
                                           0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
      89
              4.507E-02
                            0.000E+00
                                           0.000E+00
                                                         2.839E-03
2.469E-03
2.251E-03
      90
              3.244E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      91
              2.822E-02
                            0.000E+00
                                           0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
0.000E+00
              2.573E-02
      92
      93
              2.606E-02
                            0.000E+00
                                                         2.280E-03
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              2.032E-02
                            0.000E+00
                                           0.000E+00
                                                         1.778E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
Input File: g:\ace\GQ91\GQPACE.DAT
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                      11/07/95
                                                                                                                                   09:41:42
                                                                                                                                                Page -
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                         2.262E-03
2.456E-03
2.670E-03
     96
97
              2.585E-02
2.808E-02
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
0.000E+00
                            0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
      98
              3.052E-02
                             0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      99
              3.895E-02
                            0.000E+00
                                           0.000E+00
                                                         3.427E-03
3.571E-03
                                                                        0-000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
    100
              4.061E-02
                             0.000E+00
                                           0.000E+00
                                                                        0-000E+00
```

3.071E-03 1.901E-03 1.863E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.173E-02 2.129E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 103 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.137E-03 0.000E+00 104 2.442E-02 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 1.956E-03 0.000E+00 0.000E+00 0.000E+00 0 000E+00 0.000E+00 0.000E+00 2.236E-02 0.000E+00 105 2.297E-03 2.477E-03 5.596E-03 106 0.000E+00 107 2.832E-02 0 000E+00 0 000E+00 6.389E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 108 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 109 4.201E-02 0.000E+00 0.000E+00 3.685E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.565E-02 3.508E-02 0.000E+00 0.000E+00 2.245E-03 0.000E+00 110 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.082E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 111 0.000E+00 0.000E+00 0.000E+00 112 4.357E-02 0.000E+00 0.000E+00 3.821E-03 0.000E+00 0.000E+00 0.000E+00 5.885E-03 7.264E-03 5.985E-03 5.145E-03 0.000E+00 0.000E+00 0.000E+00 6.717E-02 8.295E-02 0.000E+00 114 115 0.000E+00 5.880E-02 6.993E-02 7.647E-02 116 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.118E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 117 118 0.000E+00 0.000E+00 6.698E-03 6.498E-03 0.000E+00 119 7.428E-02 6.281E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.497E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 120 5.649E-03 6.082E-03 0.000E+00 6.455E-02 0.000E+00 121 0.000E+00 0.000E+00 6.952E-02 7.782E-02 0.000E+00 122 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.808E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 123 6.703E-02 0.000E+00 0.000E+00 124 0 000E+00 0.000E+00 5.864E-03 0.000E+00 5.864E-03 6.933E-03 7.875E-03 8.048E-03 7.800E-03 7.246E-03 5.785E-03 6.021E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 125 7.925E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.969E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 126 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 127 9.188E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.903E-02 0.000E+00 128 0.000E+00 129 8.270E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 130 6.590E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6 859E-02 131 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 132 1.020E-01 0.000E+00 0.000E+00 8.947E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.086E-02 1.137E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.240E-01 0.000E+00 0.000E+00 0.000E+00 133 0.000E+00 134 1.299E-01 0.000E+00 7.963E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 135 0.000E+00 5.746E-02 0.000E+00 0.000E+00 5.048E-03 136 0.000E+00 4.309E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.898E-02 137 4.695E-02 7.515E-02 5.603E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 138 0.000E+00 0.000E+00 4.127E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.596E-03 4.911E-03 0.000E+00 139 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 140 0.000E+00 0.000E+00 0.000E+00 0.000E+00 141 7.508E-02 0.000E+00 0.000E+00 6.590E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.277E-02 4.638E-03 3.488E-03 142 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.966E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 143 0.000E+00 0.000E+00 0.000E+00 0.000E+00 144 4.498E-02 0.000E+00 0.000E+00 3.952E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.433E-02 3.006E-03 2.669E-03 0.000E+00 145 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.050E-02 146 OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10

jut File: g:\ace\GQ91\GQPACE.DAT

Output File: g:\ace\GQ91\GQPACE.OUT ut File: g:\ace\GQ91\GQPACE.DAT 11/07/95 09:41:42 Page -0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.581E-02 0 000E+00 3.133E-03 2.259E-03 0.000E+00 0.000E+00 2.583E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 148 2.474E-02 3.034E-02 3.162E-02 2.164E-03 2.656E-03 2.767E-03 0.000E+00 150 151 0.000E+00 2.767E 03 2.809E-03 2.752E-03 2.752E-03 2.581E-03 2.764E-03 0.000E+00 3.210E-02 0.000E+00 153 3.178E-02 3.145E-02 0.000E+00 154 0.000E+00 0.000E+00 0.000E+00 3.106E-02 0.000E+00 2.949E-02 3.158E-02 0.000E+00 156 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 157 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.863E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 158 0.000E+00 3.581E-03 2.777E-03 0.000E+00 0.000E+00 0.000E+00 159 4.080E-02 0.000E+00 3.173E-02 160 0.000E+00 0.000E+00 3.305E-02 0.000E+00 0.000E+00 2.893E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 161 2.940E-03 2.847E-03 3.118E-03 0.000E+00 0.000E+00 3.358E-02 0.000E+00 0 000E+00 0.000E+00 163 3 252E-02 3.548E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 164 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.319E-03 3.346E-03 0.000E+00 0.000E+00 3.776E-02 0.000E+00 0.000E+00 0.000E+00 3.820E-02 3.752E-02 0.000E+00 0.000E+00 0.000E+00 0 000E+00 0 000E+00 166 3.287E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 167 0.000E+00 2.389E-03 0.000E+00 0.000E+00 0.000E+00 2.728E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 168 0.000E+00 2.684E-02 2.934E-02 2.733E-02 2.350E-03 2.568E-03 2.393E-03 0.000E+00 0.000E+00 0.000E+00 169 0.000E+00 170 0.000E+00 2.632E-03 2.735E-03 2.709E-03 172 3.006E-02 0.000E+00 3.124E-02 0,000E+00 173 0.000E+00 0.000E+00 0 000E+00 3.093E-02 0.000E+00 2.602E-03 3.136E-03 175 2.970E-02 3.580E-02 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 176 3.571E-02 3.128E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.018E-02 3.555E-02 3.517E-03 3.112E-03 0.000E+00 0.000E+00 178 0.000E+00 179 0.000E+00 180 0.000E+00 0.000E+00 3.554E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.393E-02 5.388E-02 5.320E-02 5.235E-02 5.150E-02 0.000E+00 0.000E+00 0.000E+00 4.725E-03 4.718E-03 0.000E+00 0.000E+00 0.000E+00 181 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 182 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.658E-03 0.000E+00 0.000E+00 0.000E+00 183 0.000E+00 4.584E-03 4.509E-03 0.000E+00 184 0.000E+00 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 185 3.487E-02 0.000E+00 0.000E+00 3.051E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 186 187 3.687E-02 3.659E-02 0.000E+00 0.000E+00 3.227E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.203E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 188 0.000E+00 0.000E+00 3.124E-02 0.000E+00 2.735E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 189 0.000E+00 0.000E+00 0.000E+00 190 3.356E-02 0.000E+00 0.000E+00 2.938E-03 0.000E+00 0.000E+00 0.000E+00 3.047E-03 0.000E+00 3.481E-02 3.519E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 191 192 0 000E+00 0.000E+00 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.612E-02 0.000E+00 0.000E+00 4.928E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

0.000E+00

0.000E+00

0 000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

101

102

3.490E-02

0.000E+00

```
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
              4.291E-02
                            0.000E+00
                                           0.000E+00
                                                          3.772E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
    194
                                                          3.392E-03
3.191E-03
                                                                                                     0.000E+00
    195
              3.845E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
    196
197
              3.645E-02
3.753E-02
                            0.000E+00
                                           0 000E+00
                            0.000E+00
                                                          3.301E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                  D DOOE+OR
                                           0.000E+00
    198
              3.811E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E±00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.3546-03
GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
11/07/95 09:41:42
                                                                                                                                                VERS. 93288 *
                                                                                                                                                  Page -
              3.974E-02
3.987E-02
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                                          3.496E-03
3.507E-03
3.397E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                  0.000E \pm 00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
0.000E+00
    200
              3.862E-02
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
    201
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
              3.670E-02
                            0.000E+00
                                           0.000E+00
                                                          3.229E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    202
                                                         3.283E-03
5.483E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    203
              3.735E-02
                            0.000E+00
                                           0.000E+00
              6.245E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    204
                                                                                                                                   0.000E+00
    205
              4.582E-02
                            0.000E+00
                                           0.000E+00
                                                          4.028E-03
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.671E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              4.161E-02
4.079E-02
                                           0.000E+00
    206
                            0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+0D
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    207
              4.124E-02
                                                          3.630E-03
3.665E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    208
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    209
              4.165E-02
                            0.000E+00
                                           0.000E+00
                                                          4.093E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                  0.000E+00
              4.655E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    210
                                                          5.402E-03
3.650E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    211
              6.153E-02
                             0.000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.DD0E+00
              4.149E-02
                                           0.000E+00
    212
                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    213
              3.839E-02
                             0.000E+00
                                           0.000E+00
                                                          3.376E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              4.160E-02
                             0.000E+00
                                           0.000E+00
                                                          3.650E-03
5.087E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    215
              5.791E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
              4.629E-02
                                                          4.070E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
    216
                                                          3.946E-03
3.985E-03
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
              4.472E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.00DE+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                                                    0.000E+00
              4.527E-02
4.670E-02
                                           0.000E+00
    218
                             0.000E \pm 00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                          4.090E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      D.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
    219
              5.282E-02
7.918E-02
                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                                          4.620E-03
                                                                        0.000E+00
                                                                                                      0.000E + 00
                                                                                                                    0.000E+DD
     220
                                                          6.947E-03
                                                                        0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
    221
                             D_OODE+OD
                                                                                                                                                 0.000E+00
0.000E+00
                                           0.000E+00
                                                          6.741E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
              7.682E-02
                             0.000E+00
    222
              4.503E-02
                                                                                                                                   0.000E+00
                                                          3.959E-03
3.756E-03
                                                                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
     223
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4,280E-02
    224
                             0.000E+00
     225
              5.711E-02
                             0.000E+00
                                           0.000E+00
                                                          5.006E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              5.188E-02
5.206E-02
                                                          4.550E-03
4.565E-03
                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                  0.000E+00
    227
              7.817E-02
                             0.000E+00
                                           0.000E+00
                                                          6.848E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.0000 \pm 0.0
                                                                                                                                   0 000E+00
                                                                                                                                                  D.000E+00
     228
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.892E-03
5.573E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     229
              5.579E-02
                             0 000E+00
                                           0.000E+00
              6.358E-02
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                           0.000E+00
    230
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
              7.727E-02
                                           0.000E+00
                                                          6.769E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     231
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     232
              7.870E-02
                             0.000E+00
                                           0.000E+00
                                                          6.896E-03
5.395E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
              6.153E-02
7.511E-02
    233
                             0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          6.581E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     234
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              8.392E-02
7.664E-02
                                                                                       0.000E+00
     235
                             0.000E+00
                                           0.000E+00
                                                          7.353E-03
                                                                         0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          6.716E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     236
                                                                                                                                                 0.000E+00
0.000E+00
              7.484E-02
                             0.000E+00
                                           0.000E+00
                                                          6.558E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E100
                                                                                                                    O CODELOG
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                          6.709E-03
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
    238
              7.655E-02
                             0.000E±00
                                           0.000E+00
                                                                         0.000E+00
              7.131E-02
                                                          6.253E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
    239
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
     240
                             0.000E+00
                                           0.000E+00
                                                          6,483E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E±00
                                                                                                      0,000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          6.859E-03
7.063E-03
                                                                         0.000E+00
    241
              7.839E-02
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                                                         0.000E+00
              8.072E-02
    242
              8.022E-02
                             0.000E+00
                                           0.000E+00
                                                          7.018E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     243
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          7.262E-03
6.556E-03
                                                                                       0.000E+00
     244
              8.300E-02
                             0.000E+00
                                           0.000E+00
                                                                         0 000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              7.495E-02
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
    245
                                                                                                                    0.000E+00
0.000E+00
     246
              1.926E-02
                             0.000E+00
                                           0.000E+00
                                                          1.686E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2,302E-02
                                                          2.015E-03
2.070E-03
                                                                        0.000E+00
0.000E+00
                                                                                                      0 000E+00
     247
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.364E-02
                             0.000E+00
    248
                                                                                                                                                  0.000E+00
              1.987E-02
                             0.000E+00
                                           0.000E+00
                                                          1.740E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   D.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              1.838E-02
                             0:000E+00
                                           0.000E+00
                                                          1.610E-03
                                                                         0.000E+00
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 96
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.486E-02
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                          2.132E-03
2.008E-03
2.278E-03
                                                                                                                    0.000E+00
0.000E+00
    252
253
                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
              2.435E-02
                             0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
              2.294E-02
                             0 000E+00
              2.603E-02
2.416E-02
2.559E-02
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.0002+00
    254
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
     255
                             0.000E+00
                                           0.000E+00
                                                          2.114E-03
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     256
                             0.000E+00
                                           0.000E+00
                                                          2.239E-03
              2.057E-02
                             0.000E+00
                                           0.000E+00
                                                          1.800E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+0D
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     257
                                                                                                                                   0.000E+00
     258
              2.474E-02
                             0.000E+00
                                           0.000E+00
                                                          2.166E-03
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0-000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E \pm 00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
              1.528E-02
1.074E-02
5.364E-03
                                                                         0.000E+00
    259
                             0.000E+00
                                           0.000E+00
                                                          1.338E-03
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          9.397E-04
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     260
                             0.000E+0D
                                           0.000E+00
                                                          4.695E-04
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     261
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
              9.267E-03
                             0.000E+00
                                           0.000E+00
                                                          8.113E-04
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.198E-02
                                                          1.048E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0 000E+00
                                           0.000E+00
     263
              1.106E-02
                                            0.000E+00
                                                          9,681E-04
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0:000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     264
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0-000E+00
     265
               1.453E-02
                             0.000E+00
                                           0.000E+00
                                                          1.272E-03
                                                                         0.000E+00
                                                                                       0-000E+00
                                                          1.403E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
     266
              1.603E-02
1.615E-02
                             0.000E+00
                             0,000E+00
                                            0.000E+00
                                                          1.413E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
     267
                                                                                                                                                  0.000E+00
                                                          1.443E-03
1.535E-03
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
    268
              1.649E-02
                             O.DDDE+DD
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
              1.755E-02
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     269
                                                                         0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          1.479E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
     270
              1.690E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
              2.111E-02
2.054E-02
                                                          1.847E-03
1.797E-03
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                           0 000F+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
    272
              2.082E-02
                             0.000E+00
                                            0.000E+00
                                                          1.823E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     273
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2,739E-02
                             0.000E+00
                                           0.000E+00
                                                          2.398E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
              1.602E-02
2.114E-02
                                                          1.402E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
     275
     276
                             0,000E+00
                                            0.000E+00
                                                          1.850E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0:000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
              2.448E-02
                             0.000E+00
                                           0.000E+00
                                                          2.143E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0:000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
              2.376E-02
1.811E-02
    278
279
                             0.000E+00
                                            0.000E+00
                                                          2.080E-03
                                                          1.586E-03
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
              2.273E-02
2.636E-02
                                                                                                                     0.000E+00
     280
                             0.000E+00
                                           0.000E+00
                                                          1.990E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  D.000E+00
                             0.000E+00
                                                          2.308E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                           0.0005+00
     281
              2.554E-02
                                                          2.236E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0:000E+00
                                                                                                                                                  D.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
```

```
0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
               2.528E-02
                             0.000E+00
0.000E+00
                                                           2.213E-03
                                            0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                           2.309E-03
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
     284
285
              2.638E-02
2.621E-02
                                            0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                           2.293E-03
                             0.000E+00
                                            0.000E+00
                                                                          0 000E+00
                                                           1.894E-03
                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                                            0.000E+00
     286
               2.165E-02
                             0-000E+00
                                                           2.205E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
    287
               2.519E-02
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0,000E+00
               1,531E-02
                             0.000E+00
                                            0.000E+00
                                                           1.340E-03
                                                                          0.000E+00
                                                                                         0.000E+00
     288
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                           8.393E-04
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
               9.591E-03
     289
                             0 000E+00
                                                           6.195E-04
9.787E-04
               7.072E-03
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     290
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     291
               1.118E-02
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                                          0.000E+00
                                                           1.088E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     292
               1.244E-02
                             0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
0.000E+00
                                            0.000E+00
                                                           1.224E-03
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0 000E+00
               1.398E-02
                             0.000E+00
     293
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           1.399E-03
               1.599E-02
                             0.000E+00
                                            0.000E+00
     294
                                                           1.514E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
               1.731E-02
1.650E-02
                                            0 000E+00
     295
                             0 000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            1.444E-03
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
     296
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                           1.611E-03
1.580E-03
               1.841E-02
                             0.000E+00
                                             0.000E+00
                                                                          0.000E+00
     297
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.805E-02
                             0.000E+00
                                            0.000E+00
     298
                                                                                                                                                     0.000E+00
              2.264E-02
2.147E-02
                                                            1.981E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
     299
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                          0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                           1.879E-03
2.102E-03
     300
                                                                                                        0.000E+00
                                                                                                                       0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     301
               2.401E-02
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                            0.000E+00
                                                           2.642E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
               3.019E-02
                             0.000E+00
     302
                                                                                                                                                   VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                       OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                         g:\ace\GQ91\GQPACE.OUT
                                                                                                                           11/07/95
Input File: g:\ace\GQ91\GQPACE.DAT
                                                         Output File:
                                                                                                                                        09:41:42
                                                                                                                                                      Page -
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                            2.718E-03
                                                                                         0.000E+00
               3.105E-02
                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                           1.247E-03
1.566E-03
2.020E-03
               1.424E-02
1.789E-02
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                            0.000E+00
     304
                             0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
     305
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.307E-02
     306
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           2.254E-03
2.031E-03
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0 000E+00
               2.575E-02
                                             0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
     307
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                          0.000E+00
                                                                                                                       0.000E+00
               2.320E-02
1.937E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            1.697E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
     309
                                                                                                                                                     0.000E+00
                                                           2.354E-03
2.335E-03
2.093E-03
                                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
     310
               2.688E-02
                              0.000E+00
                                             0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
               2.667E-02
2.391E-02
                             0.000E+00
                                            0.000E+00
     311
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
     312
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.812E-02
2.667E-02
                              0.000E+00
                                            0.000E+00
0.000E+00
                                                           2.461E-03
2.334E-03
                                                                           0.000E+00
     313
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     314
                             0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                            1,993E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                             0.000E+00
                                             0.000E+00
               2.278E-02
     315
                                                                                                                                                     0.000E+00
                                                           2.244E-03
1.355E-03
7.132E-04
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
               2.563E-02
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
     316
                                                                           0.000E+00
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
               1.549E-02
8.149E-03
                             0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
     318
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                        0.000E+00
               9.419E-03
                              0.000E+00
                                             0.000E+00
                                                            8.247E-04
                                                                           0.000E+00
     319
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                            1.117E-03
                                                                                                                        0.000E+00
                                            0.000E+00
     320
               1.276E-02
                             0.000E+00
                                                            1.112E-03
                                                                                         0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                        0 000E+00
                                                                                                                       0.000E+00
               1.271E-02
     321
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                            0.000E+00
0.000E+00
                                                            1.369E-03
1.598E-03
               1.564E-02
                              0.000E+00
                                                                           0.000E+00
     322
                                                                                                                       0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     323
               1.826E-02
1.638E-02
                             0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            1.433E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     324
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
0.000E+00
               1.923E-02
                              0.000E+00
                                            0.000E+00
0.000E+00
                                                            1.683E-03
1.691E-03
                                                                           0 000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
               1.931E-02
2.417E-02
     326
                             0.000E+00
                                             0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                            2.115E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                              0.000E+00
     327
                                                                                                                                                     0.000E+00
               2.229E-02
2.757E-02
3.284E-02
                                            0.000E+00
0.000E+00
0.000E+00
                                                            1.951E-03
2.413E-03
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                              0.000E+00
                                                                           0 000E+00
     328
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
     329
                             0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                                            2.874E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0 000E+00
     330
                                                                                                                                                     0.000E+00
               3.158E-02
2.518E-02
2.004E-02
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                            0.000E+00
0.000E+00
                                                            2.763E-03
2.203E-03
                                                                           0.000E+00
     331
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     332
                             0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                           1.755E-03
1.314E-03
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                         0 000E+00
     333
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.500E-02
                             0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                            1.740E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.988E-02
2.506E-02
                             0.000E+00
     335
                                                                                                                                      0.000E+00
                                                           2.194E-03
2.336E-03
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                         0.000E+00
     336
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.668E-02
                             0.000E+00
                                             0.000E+00
                                                            1.901E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
               2.172E-02
2.478E-02
                              0 000E+00
     338
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                            2.170E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
     339
                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
                                                            2.389E-03
2.182E-03
2.555E-03
     340
               2.729E-02
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
     341
               2.493E-02
2.919E-02
                             0 000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                              0.000E+00
     342
                                                                                                                                      0.000E+00
                                                            2.359E-03
2.095E-03
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0 000E+00
               2.696E-02
                              0.000E+00
                                             0.000E+00
                                                                                                         0.000E+00
     343
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
               2.394E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                            2.336E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
               2.669E-02
1.550E-02
                              0.000E+00
                                             0.000E+00
     345
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                       0 000E+00
                                             0.000E+00
                                                            1.356E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
     346
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                            6.025E-04
1.015E-03
               6.876E-03
                              0.000E+00
                                             0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
     348
               1.160E-02
                              0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            1.207E-03
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               1.379E-02
                              0.000E+00
     349
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                            1.347E-03
     350
               1.539E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                            1.649E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
     351
352
               1.884E-02
                              0.000E+00
                                                            1.593E-03
1.747E-03
1.813E-03
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                       0.000E+00
               1.821E-02
                              0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
     353
               1.997E-02
                              0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.072E-02
                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                       OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                    VERS.
                                                                                                                           11/07/95
                                                                                                                                         09:41:42
                                                                                                                                                      Page -
                                                                                                                                       0.000E+00
                                                                                                                        0.000E+00
               2.583E-02
2.308E-02
3.143E-02
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                            2.260E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                            2.019E-03
2.751E-03
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
     356
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
     357
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                         0.000E+00
     358
               3.509E-02
                              0.000E+00
                                             0.000E+00
                                                            3.070E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
                                                            2.725E-03
2.638E-03
                                                                           0.000E+00
     359
               3.114E-02
                              0 000E+00
                                             0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     360
               3.014E-02
                              0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
               3.353E-02
2.075E-02
                                                                                                                                       0.000E+00
                                             0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                            2.934E-03
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0 000E+00
                              0.000E+00
     361
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.816E-03
                                                                                                                                      0.000E+00
0.000E+00
                                                            1.847E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
               2.109E-02
1.590E-02
                                             0.000E+00
                              0.000E+00
     363
                                                                                                                                                     0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.392E-03
                                                                           0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.00E+00
                                                                                                                        0 000E+00
     364
                                                            1.923E-03
2.374E-03
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               2.197E-02
2.711E-02
                              0 000E+00
                                             0 000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                              0.000E+00
     366
                                                                                                                                       0 000E+00
                                                                                                                                                     0.000E+00
               2.698E-02
2.058E-02
                              0.000E+00
                                             0.000E+00
                                                            2.363E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     367
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                            1.802E-03
2.549E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               2.912E-02
                              0.000E+00
     369
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            2.444E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     370
```

0.000E+00

2.947E-02

0.000E+00

0.000E+00

2.579E-03

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0:000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          2.368E-03
                                                                        0.000E+00
             2.705E-02
2.511E-02
                            0.000E+00
    372
373
                                                         2.197E-03
2.448E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
              2.797E-02
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          1.331E-03
                                                                        0.000E+00
                                                                                       0-000E+00
                                                                                                     0.000E+00
                                                                                                                    0-000E+00
              1 521E-02
                            0.000E+00
    375
                                                                                                                    0.000E+00
                                                                                                                                   0_000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                         8.412E-04
1.187E-03
                                                                                                     0.000E+00
              9,605E+03
                                                                        0.000E+00
                                                                                       0.000E+00
    376
                                                                                                                    0.000E100
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000EF00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.357E-02
                            0.000E+00
                                           0 000E+00
                                                                                                                                                 0.000E+00
                                                          1.252E-03
                                                                                                                                   D 000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
    378
379
              1.431E-02
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
              1.883E-02
                            0.000E+00
                                           0.000E+00
                                                          1.648E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          1.751E-03
1.796E-03
                                                                        0.000E+00
              2.001E-02
                            0.000E+00
                                           0.000E+00
    380
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0 000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0-000E+00
                                           0.000E+00
              2.053E-02
2.237E-02
    381
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                         1.958E-03
2.432E-03
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    382
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              2.779E-02
                            0.000E+00
                                           0.000E+00
    383
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                          2.270E-03
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    D 000E+00
    384
              2.593E-02
                            0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                         3.100E-03
3.199E-03
              3.543E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    385
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
              3.656E-02
2.950E-02
                            0 000E+00
                                           0.000E+00
                                           0.000E+00
                                                          2.581E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
    387
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                          3.064E-03
3.080E-03
              3.501E-02
                             0.000E+00
                                           0.000E+00
    388
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                                                 0.000E+00
              3.519E-02
3.024E-02
                                           0.000E+00
    389
                            0-000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2.646E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
    390
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.645E-02
                            0.000E+00
                                           0.000E+00
                                                          1.440E-03
1.847E-03
                                                                        0.000E+00
    391
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
    392
              2.110E-02
                            0 000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
              2.22E-02
                                           0.000E+00
                                                          1.946E-03
                                                                                       0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
    393
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.778E-02
                                                          1.556E-03
                            0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                          2.122E-03
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
    395
              2.424E-02
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                    0.000E+00
              2.915E-02
                                           0.000E+00
                                                          2.552E-03
                                                                                       0.000E+00
                                                                                                     0 000E+00
                            0.000E+00
    396
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.619E-02
                            0.000E+00
                                           0.000E+00
                                                          2.293E-03
    397
                                                          2.424E-03
2.555E-03
2.530E-03
                                                                                                                                  0.000E+00
0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.769E-02
2.919E-02
    398
                            0 000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    399
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.890E-02
                            0.000E+00
                                           0.000E+00
    400
                                           0.000E+00
                                                          2.405E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    401
              2.748E-02
2.632E-02
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.303E-03
2.512E-03
                                                                        0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                           0.000E+00
                                                                                       0 000E+00
                             0.000E+00
    402
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              2.870E-02
                            0.000E+00
                                           0.000E+00
    403
                                                                                                                                                 0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                           0.000E+00
                                                          1.265E-03
                                                                                       0.000E+00
              1.445E-02
1.209E-02
    404
                                           0.000E+00
                                                          1.059E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
    405
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                          1.356E-03
              1.550E-02
                            0.000E+00
                                           0.000E+00
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                          SOLEDAD MTN_PROJECT - ALL RECEPTORS,
                                                                       1991 MET.
GOLDEN QUEEN MINING -
                                                                                   PM10
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                  Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          1.582E-03
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                           0.000E+00
                                                                        0.000E+00
              1.808E-02
                                                                        0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              2.154E-02
2.083E-02
                            0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                          1.885E-03
1.823E-03
    408
                                                                                                                                  0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
    409
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          2.125E-03
2.633E-03
                                                                        0.000E+00
                                                                                       0 000E+00
              2.427E-02
    410
                                                                        0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              3.009E-02
                             0 000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
              3.087E-02
                             0.000E+00
    412
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.433E-03
3.222E-03
                                                                        0.000E+00
0.000E+00
              3.924E-02
                             0.000E+00
                                           0.000E+00
                                                                                       0-000E+00
    413
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
              3.682E-02
3.553E-02
                                           0.000E+00
                             0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          3.109E-03
                                                                        0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
                             0.000E+00
    415
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.358E-03
2.997E-03
                                                                        0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              3.837E-02
                             0.000E+00
                                           0.000E+00
    416
                                           0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                                 0.000E+00
              3.425E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                          2.279E-03
2.472E-03
                                                                        0.000E+00
0.000E+00
              2.605E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
    418
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
    419
              2.824E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
                                                          2.039E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              2.328E-02
1.940E-02
     420
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.700E-03
                                                                                                      0.000E+00
    421
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              2.131E-02
     422
                             0.000E+00
                                           0.000E+00
                                                          1.866E-03
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
                                                          2.051E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              2.343E-02
     423
                             0.000E+00
                                                                                                                                                 0.000E+00
                                                          1.721E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E+00
              1.966E-02
    424
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                          2.353E-03
2.702E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
     425
              2.688E-02
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              3.085E-02
2.377E-02
                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          2.081E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
     427
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                          2.704E-03
2.398E-03
                                                                                                      0.000E+00
              3.089E-02
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     428
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.739E-02
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                          2.635E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
     430
              3 011E-02
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          2.475E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.829E-02
                             0.000E+00
     431
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.581E-03
                                           0.000E+00
0.000E+00
     432
              2.948E-02
                             0.000E+00
                                                          1.133E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
              1.294E-02
1.431E-02
                             0.000E+00
     433
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.253E-03
                                                                         0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
     434
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                          1,451E-03
              1.657E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.243E-02
2.083E-02
                             0.000E+00
                                           0.000E+00
                                                          1.962E-03
                                                                         0.000E+00
     436
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.823E-03
2.318E-03
2.880E-03
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
     437
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
0.000E+00
              2.648E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     439
              3.291E-02
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          3.188E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              3.643E-02
                             0.000E+00
     440
                                                          3.707E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4.237E-02
3.538E-02
                             0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          3.095E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     442
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          3.599E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              4.113E-02
                             0.000E+00
     443
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.398E-03
2.636E-03
2.690E-03
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              3.883E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              3.012E-02
3.074E-02
                                           0.000E+00
     445
                             0.000E+00
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
     446
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              3.165E-02
                                           0.000E+00
                                                          2.770E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                       0.000E+00
                                           0.000E+00
0.000E+00
                                                          2.536E-03
1.932E-03
                                                                         0.000E+00
              2.898E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
     449
              2.208E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.164E-03
2.008E-03
1.867E-03
     450
              2.472E-02
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
0.000E+00
              2.293E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
     452
              2-133E-02
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          2.166E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.473E-02
     453
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.161E-02
                             0.000E+00
                                           0.000E+00
0.000E+00
                                                          1.892E-03
2.637E-03
                                                                         0.000E+00
                                                                                                                                                  0 000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
              3 012E-02
                             0.000E+00
     455
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                          2.750E-03
2.774E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
     456
              3.141E-02
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
     457
              3 169E-02
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                          2.618E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                         0.000E+00
              2.991E-02
                             0.000E+00
                                                                                                                                                VERS. 93288 *
 LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
Input File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                      09:41:42
                                                                                                                                                   Page - 100
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.742E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     459
              3.133E-02
                                                                                                                                                  0.000E+00
              3.013E-02
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          2.636E-03
```

```
0.000E+00
                                                            2.753E-03
1.111E-03
                                                                                                                                        0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
              3.146E-02
                             0.000E+00
    461
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
              1.269E-02
1.759E-02
2.227E-02
                             0.000E+00
    462
                                                            1.539E-03
1.948E-03
2.036E-03
                                                                                                                         0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                             0.000E+00
    463
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
    464
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
              2.327E-02
2.895E-02
                                             0 000E+00
    465
                             0.000E±00
                                                                                                                                        0.000E+00
                                                            2.534E-03
                                                                           0.0008+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
    466
467
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
               3.637E-02
                              0.000E+00
                                             0.000E+00
                                                            3.182E-03
3.704E-03
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                         0 000E+00
                             0 000E+00
    468
               4.233E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                            3.859E-03
3.737E-03
3.833E-03
               4.411E-02
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                              0.000E+00
    469
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
     470
               4.271E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                        0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                              0.000E+00
    471
472
              4.381E-02
3.519E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                            3.079E-03
2.948E-03
3.004E-03
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
               3.369E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                        0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                         0 000E+00
    474
475
                              0.000E+00
              3.433E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
               3.054E-02
                                             0.000E+00
                                                            2.672E-03
2.128E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       0.000E+00
                                             0.000E+00
               2.432E-02
                              0.000E+00
                                                                                                                                        0.000E+00
                                                            1.549E-03
2.229E-03
1.947E-03
                                                                                                                                                       0.000E+00
                                                                                                         0.000E+00
0.000E+00
              1.770E-02
2.546E-02
2.223E-02
2.476E-02
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
                              0.000E+00
     477
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     478
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                            2.167E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
     480
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                            2.266E-03
1.843E-03
2.292E-03
                                                                                          0.000E+00
               2.588E-02
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     481
                                                                                                                                                       0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              2.106E-02
2.617E-02
                                             0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
     483
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
                                                            2.100E-03
2.974E-03
                                                                           0.000E+00
     484
               2.399E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
              3.397E-02
2.956E-02
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
     485
                              0-000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
                                                            2.588E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
     486
                                                                                                                                                       0.000E+00
0.000E+00
              3.160E-02
3.368E-02
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
                                                            2.765E-03
2.948E-03
                              0.000E+00
                                             0.000E+00
     487
                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
     488
                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                                             1.301E-03
                                                                           0.000E+00
0.000E+00
                                                                                           0,000E+00
                                                                                                          0.000E+00
               1.487E-02
                                             0.000E+00
     489
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
              2.111E-02
2.562E-02
                              0.000E+00
                                             0 000E+00
                                                            1.847E-03
2.242E-03
     490
                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                             0.000E+00
                              0-000E+00
     491
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                           0.000E+00
               3.165E-02
                              0.000E+00
                                             0.000E+00
                                                            2.770E-03
                                                                           0.000E+00
     492
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                            3.568E-03
4.201E-03
               4.078E-02
                              0.000E+00
                                             0.000E+00
     493
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
               4.801E-02
4.354E-02
                              0 000E+00
     494
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             3.809E-03
                                                                                           0.000E+00
     495
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                             4.258E-03
     496
               4.867E-02
                              0.000E+00
                                             0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             3.626E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               4.144E-02
3.719E-02
     497
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            3.254E-03
3.268E-03
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
     498
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
               3.735E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                        0.000E+00
                                                             2.800E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
     500
               3.200E-02
                              0 000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
               2.412E-02
                                             0.000E+00
                                                             2.110E-03
                              0.000E+00
     501
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            1.436E-03
9.018E-04
               1.641E-02
                              0.000E+00
                                             0.000E+00
     502
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0 000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
               1.031E-02
6.743E-03
     503
                              0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            5.908E-04
2.454E-03
2.551E-03
                                                                           0.000E+00
                                                                                           0.000E+00
     504
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
               2.804E-02
2.915E-02
2.812E-02
                              0.000E+00
                                             0 000E+00
     505
                                                                                                                                        0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                         0 000E+00
                              0.000E+00
     506
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                           0.000E+00
                                                            2.462E-03
2.138E-03
                                                                           0.000E+00
0.000E+00
     507
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               2.441E-02
     508
                              0.000E+00
                                             0-000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                             2.398E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
     509
               2.739E-02
                                                                                                                                        0.000E+00
                                                                                                                                                       0 000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                           0.000E+00
                              0.000E+00
                                             0.000E100
                                                             2.205E-03
                                                                           0.000E+00
     510
                                                                                                        OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -
                                                       ALL RECEPTORS,
                                                                          1991 MET
                                                                                       PM10
                                                                          g:\ace\GQ91\GQPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                           09:41:42
                                                                                                                                                         Page -
                                                                                                                                                                  101
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          Output File:
                                                                                                                                                       0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
                                                                                           0.000E+00
                                                                                                                         0 000E+00
               2.782E-02
                              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                            2.418E-03
3.978E-03
2.628E-03
                                                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
     512
               2.762E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
               4.539E-02
3.002E-02
1.992E-02
                              0.000E+00
                                             0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
     514
515
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                            1.743E-03
2.289E-03
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               2.616E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                         0.000E+00
                                              0.000E+00
                                                             2.996E-03
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
               3.424E-02
                              0.000E+00
     517
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
     518
               4.664E-02
                              0.000E+00
                                              0.000E+00
                                                             4.081E-03
                                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                             4.600E-03
               5.258E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                         0 000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                             4.569E-03
                              0.000E+00
     520
               5.222E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
0.000E+00
               4.893E-02
                              0.000E+00
                                              0.000E+00
                                                             4.281E-03
                                                                            0.000E+00
                                                                                                          0.000E+00
     521
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                            0.000E+00
                                                             3.618E-03
3.563E-03
               4.135E-02
                              0.000E+00
                                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                              0.000E+00
     523
               4.072E-02
                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                             2.906E-03
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
               3,320E-02
                              0.000E+00
     524
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                             0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0 000E+00
                                                                                                          0.000E+00
     525
               2.329E-02
                              0.000E+00
                                                             2.038E-03
                                                             1.270E-03
7.707E-04
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                           0.000E+00
               1.452E-02
8.799E-03
     526
                              0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
     527
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                          0.000E+00
     528
               1.109E-02
                              0.000E+00
                                              0.000E+00
                                                             9.711E-04
1.145E-03
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
     529
               1.308E-02
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
                                                             1.280E-03
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0 000E+00
                                              0.000E+00
               1.462E-02
     530
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
                              0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                          0.000E+00
     531
               2.300E-02
                                              0.000E+00
                                                             2.012E-03
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                             2.313E-03
2.612E-03
                                                                                           0.000E+00
     532
               2.643E-02
                              0.000E+00
                                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                              0.000E+00
     533
534
               2.985E-02
3.188E-02
                              0.000E+00
                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.791E-03
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
               3.136E-02
2.720E-02
                                                             2.745E-03
2.382E-03
                              0.000E+00
                                              0.000E+00
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                              0.000E+00
                              0.000E+00
     536
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
               2.908E-02
                              0.000E+00
                                              0.000E+00
                                                             2.546E-03
                                                                                           0.000E+00
     537
                                                                                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               3.198E-02
                              0.000E+00
                                              0.000E+00
                                                             2.800E-03
                                                                                                                                                        0.000E+00
                                                             2.111E-03
                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                                                           0.000E+00
                                                                                                                         0.000E+00
     539
               2.393E-02
2.742E-02
                              0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.399E-03
                                                                                           0.000E+00
     540
                                                                                                                          0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
               4.985E-02
                              0.000E+00
                                                             4.361E-03
                                                                                                                                         0.000E+00
                                                             4.779E-03
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
               5.463E-02
5.713E-02
     542
                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             4.998E-03
                                                                                           0.000E+00
                                                                                                          0.000E+00
     543
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
               4.626E-02
                              0.000E+00
                                              0.000E+00
                                                             4.048E-03
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
               4.438E-02
3.390E-02
                                              0.000E+00
                                                             3.883E-03
     545
                              0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                             2.967E-03
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0-000E+00
                              0.000E+00
     546
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                            0.000E+00
0.000E+00
               2.159E-02
                               0.000E+00
                                              0.000E+00
                                                             1.889E-03
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.047E-03
     548
               1.196E-02
                              0.000E+00
                                              0.000E+00
               1.45/E-U2
1.671E-02
                                                                                                                                                        0.000E+00
                                                                                                          0.000E100
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             1.275E-03
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
     549
                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.463E-03
1.580E-03
                                                                            0.000E+00
0.000E+00
     550
                              0.000E+00
                                              0.000E+00
                                                                                            0 000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
     551
               1.806E-02
                              0.000E+00
                                              0.000E+00
                                                             1.625E-03
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0 000E+00
               1.857E-02
                              0.000E+00
                                              0.000E+00
     552
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                          0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

1.702E-03

```
2.060E-02
2.493E-02
2.134E-02
                                                          1.803E-03
2.181E-03
1.866E-03
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     555
556
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     557
              2.793E-02
                             0.000E+00
                                            0.000E+00
                                                          2.443E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              2.826E-02
3.142E-02
                                                          2.472E-03
2.749E-03
                                                                         0.000E+00
                                                                                        0.000E+00
     558
                             0-000E+00
                                            0.000E+00
                             0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     559
                                                          3.030E-03
2.712E-03
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              3.462E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     560
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     561
              3.097E-02
                             0.000E+00
                                            0.000E+00
                                                          3.130E-03
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
     562
              3.573E-02
                             0.000E+00
                                                                                                     OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                         11/07/95
                                                                                                                                                             102
Input File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                       09:41:42
                                                                                                                                                    Page -
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                            0.000E+00
              4 507E-02
                             0 000E+00
                                                          3.976E-03
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                          7.322E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              8.347E-02
                             0.000E+00
     564
     565
              7.372E-02
                             0.000E+00
                                            0.000E+00
                                                          6.458E-03
5.618E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
              6.422E-02
5.179E-02
     566
                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                           4.531E-03
                                                                                        0.000E+00
                                                                                                                                    0.000E+00
     567
                                                                                                                                    0.000E+00
                                                          4.215E-03
2.954E-03
                                                                                        0.000E+00
              4.818E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              3.375E-02
                             0.000E+00
                                            0.000E+00
     569
                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
              1.875E-02
                             0.000E+00
                                            0.000E+00
                                                           1.641E-03
                                                                         0.000E+00
                                                                                        0.000E+00
     570
                                                                                        0.000E+00
                                                          1.650E-03
                                                                         0.000E+00
              1.885E-02
                             0.000E+00
                                            0.000E+00
                                                           1.825E-03
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              2.085E-02
2.325E-02
                                            0.000E+00
                                                                                        0.000E+00
                             0.000E+00
     572
                                            0.000E+00
                                                          2.035E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     573
                             0.000E+00
              2.525E-02
2.489E-02
2.569E-02
2.572E-02
2.512E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                          2.178E-03
2.248E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
     575
                             0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     576
                             0.000E+00
                                            0.000E+00
                                                           2.251E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                        0.000E+00
                                                           2.199E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              2.404E-02
2.263E-02
2.556E-02
2.740E-02
                                            0.000E+00
                                                          2.104E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     578
                             0.000E+00
                                                           1.980E-03
2.236E-03
2.396E-03
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
     579
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0 000E+00
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
     580
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                             0.000E+00
     581
              2.893E-02
2.706E-02
2.919E-02
                                            0.000E+00
                                                           2.531E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     582
                             0.000E+00
                             0.000E+00
                                            0 000E+00
                                                          2.367E-03
2.554E-03
2.513E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                             0.000E+00
     584
              2.873E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                    0.000E+00
     585
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
              3.621E-02
3.951E-02
7.598E-02
                                                           3.168E-03
                                                                         0.000E+00
     586
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           3.459E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
     587
                                                                                                                                                   0.000E+00
                                                           6.647E-03
4.573E-03
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
     589
              5.227E-02
              3,237E-02
                             0.000E+00
                                            0.000E+00
                                                           2.833E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     590
                                                                                                                                                   0.000E+00
                                                          2.466E-03
2.651E-03
2.746E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0 000E+00
     591
              2.818E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     592
              3.029E-02
                             0.000E+00
                                            0.000E+00
               3.137E-02
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     593
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
                                                           2.735E-03
2.629E-03
2.454E-03
                                                                                                                      0.000E+00
              3.125E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
     594
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
     595
              3.004E-02
                             0.000E+00
                                            0 000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
               2.804E-02
                             0.000E+00
     596
                                                                                                                                                   0.000E+00
     597
               2.558E-02
                                            0.000E+00
                                                           2.238E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
              2.294E-02
2.032E-02
                                                           2.007E-03
1.778E-03
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     598
                             0 000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0 000E+00
                                                                          0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     599
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
     600
              1.784E-02
                             0.000E+00
                                            0.000E+00
                                                           1.561E-03
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
              1.557E-02
                                                           1.362E-03
     601
                             0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                           1.185E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
               1.354E-02
     602
                                                           5.674E-03
5.916E-03
6.191E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
              6.480E-02
                             0.000E+00
                                            0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
     603
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
              6.757E-02
7.073E-02
     604
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     605
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
               7.439E-02
                             0.000E+00
                                            0.000E+00
                                                           6.511E-03
6.892E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
     606
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
               7.875E-02
                                            0.000E+00
     607
                             0.000E+00
                                            0.000E+00
                                                           7.362E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0 000E+00
     608
               8.412E-02
                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           7.963E-03
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
               9.099E-02
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
     609
                                                           3.333E-03
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
     610
              3.807E-02
                             0.000E+00
                                                           3.292E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
               3.761E-02
                             0.000E+00
                                            0.000E+00
     611
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
              3.616E-02
                             0.000E+00
                                            0.000E+00
                                                           3.165E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
0.000E+00
     612
                                                                                        0.000E+00
     613
              3.269E-02
                                                           2.861E-03
                                                                         0.000E+00
                             0.000E+00
                                            0 000E+00
                                                           2.475E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                             0.000E+00
     614
               2.828E-02
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                  VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                    PM10
                                                                                                                         11/07/95
                                                                                                                                       09:41:42
                                                                                                                                                             103
Input File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                    Page -
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                           2.083E-03
                                                                                                                      0 000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                          0-000E+00
                                                                                        0.000E+00
               2.380E-02
                             0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                           1.847E-03
1.762E-03
     616
              2.111E-02
2.014E-02
                             0.000E+00
0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
               1.920E-02
                             0.000E+00
                                            0.000E+00
                                                           1.680E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                           1.601E-03
1.526E-03
              1.829E-02
1.744E-02
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
     619
                                            0 000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                                       0.000E+00
     620
                             0.000E+00
                                            0.000E+00
                                                           1.456E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0-000E+00
     621
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           1.391E-03
1.330E-03
                                                                          0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     622
              1.589E-02
1.520E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
     623
                                                                                                                                                   0.000E+00
                                                           1.273E-03
9.946E-03
                                                                                                                      0.000E+00
     624
               1.455E-02
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                          0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
     625
               1.136E-01
                             0.000E+00
                                                           1.031E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
               1.179E-01
     626
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     627
               1.222E-01
                             0.000E+00
                                            0.000E+00
                                                           1.070E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
0.000E+00
                                                           1.110E-02
1.157E-02
     628
               1,269E-01
                             0.000E+00
                                                                          0.000E+00
                                                                                                                      0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
     629
               1.322E-01
                                                                                                                                    0.000E+00
0.000E+00
               1.389E-01
                             0.000E+00
                                            0.000E+00
                                                           1.216E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
     630
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
               1.491E-01
                             0.000E+00
                                            0.000E+00
                                                           1.305E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                           1.458E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
     632
              1.666E-01
2.710E-02
                             0 000E+00
                                                                                                                                                   0.000E+00
     633
                             0.000E+00
                                            0.000E+00
                                                           2.372E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0-000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           2.128E-03
1.921E-03
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
               2.431E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
     634
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
     635
               2.195E-02
                             0.000E+00
     636
               2.020E-02
                             0.000E+00
                                            0.000E+00
                                                           1.768E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
     637
               1.879E-02
                             0.000E+00
                                            0.000E+00
                                                           1.644E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           1.540E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
     638
               1.760E-02
                             0.000E+00
     639
               1.655E-02
                             0.000E+00
                                            0.000E+00
                                                           1.448E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0 000E+00
     640
               1.563E-02
                             0.000E+00
                                            0.000E+00
                                                           1.367E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                          0.000E+00
     641
               1 480E-02
                             0.000E+00
                                            0.000E+00
                                                           1.295E-03
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

1.406E-02

0.000E+00

0.000E+00

1.230E-03

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0:000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
                                                          1.171E-03
                                                                        0.000E+00
                                                                                       0.000E+00
    643
644
              1.339E-02
1.277E-02
                                                                                                                                   0.000E+00
0.000E+00
                                                          1.118E-03
1.069E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
    645
              1.221E-02
                            0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          1.024E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0-000E+00
                                                                                                                                   0.000E+00
    646
              1 170E-02
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                          9.825E-04
7.837E-03
                                                                        0.000E+00
0.000E+00
                                                                                                                     0.000E+00
              1.123E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
    648
              8.957E-02
                            0 000E+00
                                           0 0008+00
                                                                        0.000E+00
                                                                                                                                                  0 000E+00
                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                                            0.000E+00
                                                          7.746E-03
    649
              8.854E-02
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
    650
              8.694E-02
                                            0.000E+00
                                                          7.606E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          7.416E-03
7.191E-03
                                                                        0.000E+00
                            0.000E+00
0.000E+00
              8.477E-02
                                            0.000E+00
                                            0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0...000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              8.220E-02
     652
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              7.986E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                          6.986E-03
                                                                        0.000E+00
     653
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          6.852E-03
                                                                        0.000E+00
              7.833E-02
                             0.000E+00
                                            0 000E+00
                                                                                                                                                  0.000E+00
                                                          6.747E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
              7.714E-02
     655
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                          4.032E-03
2.318E-03
                                                                        0.000E+00
0.000E+00
              4.609E-02
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
     656
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
     657
              2.647E-02
2.177E-02
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          1.905E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
     658
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              2.22E-02
                                                          1.945E-03
1.874E-03
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                        0.000E+00
     659
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              2.142E-02
1.980E-02
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          1.733E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0 000E+00
     661
                                                                                                                                                  0.000E+00
                                                          1.554E-03
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              1.775E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     662
                                                                                                                                                 0.000E+00
0.000E+00
                                                          1.365E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                            0.000E+00
              1,560E-02
                             0.000E+00
     663
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
              1.356E-02
                                            0.000E+00
                                                          1.187E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     664
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
              1.173E-02
                                                          1.027E-03
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                          9.250E-04
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0 000E+00
                                                                         0.000E+00
     666
              1.057E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                VERS. 93288 *
                                                                                   PM10
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                   Page -
                                                                                                                                                            104
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          8 585E-04
                                                                         0.000E+00
                                                                                       0.000E+00
              9.807E-03
                                                          7.867E-04
7.134E-04
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
     668
669
              8.986E-03
8.148E-03
                             0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                     0 000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          6.924E-04
                                                                         0.000E+00
     670
              7.911E-03
                             0.000E+00
                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          6,778E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
     671
672
              7.744E-03
7.556E-03
                             0.000E+00
                                            0.000E+00
                                                          6.614E-04
2.353E-03
2.650E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
              2.683E-02
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
              3.025E-02
     674
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                                                         0.000E+00
0.000E+00
     675
              3.314E-02
                                            0.000E+00
                                                          2.904E-03
                                                                                        0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          3.225E-03
3.590E-03
                                            0.000E+00
0.000E+00
              3.679E-02
                             0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     677
              4.096E-02
                                                          3.574E-03
                                                                                                                     0.000E+00
               4.071E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     678
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4.511E-02
                                                          3.953E-03
3.770E-03
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     680
              4.305E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
              6.886E-02
                                            0.000E+00
                                                           6.030E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
     681
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
               6.362E-02
                             0 000E+00
                                            0 000E+00
                                                          5.571E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                           8.123E-03
                                                                         0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     683
              9.284E-02
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
               1.331E-01
                             0.000E+00
                                            0.000E+00
                                                           1.164E-02
                                                                                        0.000E+00
                                                                                                                     0.000E+00
     684
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.654E-03
                                                                                        0.000E+00
                                                                                                                     0.000E+00
     685
              3.032E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                           1.824E-03
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              2.081E-02
                             0.000E+00
                                            0.000E+00
     686
                                                                                                                                                  0.000E+00
                                                          1.601E-03
1.348E-03
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
               1.826E-02
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
     687
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     688
               1.541E-02
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
0.000E+00
              1.693E-02
                             0,000E+00
                                            0.000E+00
                                                           1.482E-03
                                                                                        0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     689
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
               1.749E-02
                             0.000E+00
                                            0.000E+00
                                                           1.531E-03
                                                                         0.000E+00
                                                           1.510E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                            0.000E+00
     691
              1.726E-02
1.646E-02
                             0 000E+00
                                            0.000E+00
                                                           1.441E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
     692
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.343E-03
1.231E-03
                                                                                        0.000E+00
               1.534E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
              1.406E-02
1.276E-02
     694
                             0 000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                           1.117E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
     695
                                                                                                                                    0.000E+00
                                                          1.007E-03
9.053E-04
                                                                                                      0.000E+00
               1.151E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
     696
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     697
              1.034E-02
9.954E-03
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           8.712E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
     698
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
               9.598E-03
                             0.000E+00
                                            0.000E+00
                                                           8.401E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     699
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                          8.007E-04
2.344E-03
                                                                         0.000E+00
     700
               9.147E-03
                             0 000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
     701
              2.673E-02
               2.285E-02
                                                           2.001E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     702
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.791E-03
2.761E-03
     703
               3.178E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
     704
              3.147E-02
                             0.000E+00
                                            0 000E+00
                                                          3.483E-03
3.765E-03
3.647E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
               3.969E-02
     705
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
     706
               4.292E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
     707
               4.157E-02
                             0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.111E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
               4.694E-02
     708
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                           5.465E-03
6.020E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
               6.243E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
     710
               6.879E-02
                             0.000E+00
                                                                                                                                    0.000E+00
               8.506E-02
                                                           7.445E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
     711
                                                           1.016E-02
2.469E-03
2.169E-03
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.161E-01
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     713
               2.821E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
               2.477E-02
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
     714
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               2.096E-02
                             0.000E+00
                                            0.000E+00
                                                           1.836E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
     715
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                           1.345E-03
1.053E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
               1.534E-02
                             0.000E+00
                                            0.000E+00
     716
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.203E-02
                             0 000E+00
                                            0.000E+00
                                                                                        0.000E+00
     717
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.164E-02
                             0.000E+00
                                            0.000E+00
                                                           1.019E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
     718
                                                                                                     OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                        1991 MET,
                                                                        g:\ace\GQ91\GQPACE.OUT
                                                                                                                         11/07/95
                                                                                                                                      09:41:42
                                                                                                                                                             105
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                   Page -
                                                        Output File:
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                           1.129E-03
               1.290E-02
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.386E-02
1.428E-02
                                                           1.213E-03
1.249E-03
1.246E-03
                                                                                                                     0.000E+00
0.000E+00
     720
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
     721
                             0.000E+00
0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
     722
               1.423E-02
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
0.000E+00
               1.384E-02
                             0.000E+00
                                            0.000E+00
                                                           1.211E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     723
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.322E-02
                             0.000E+00
                                            0.000E+00
                                                           1.157E-03
1.090E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
               1.245E 02
1.162E-02
     725
726
                                            0 000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.017E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
     727
               1.077E-02
                             0.000E+00
                                            0.000E+00
                                                           9.427E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                           8.697E-04
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
     728
729
              9.934E-03
2.910E-02
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                           2.550E-03
2.754E-03
                                                                                                                     0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
     730
               3.138E-02
                             0.000E+00
                                            0 000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
```

0.000E+00

2,908E-03

0.000E+00

3 314E-02

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
3.111E-03
2.639E-03
3.700E-03
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
    732
733
              3.545E-02
3.009E-02
                            0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0,000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
              4.219E-02
                                                                                                   0.000E+00
    734
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                         3,443E-D3
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              3.923E-02
                                          0.000E+00
    735
                            0.000E+00
    736
              5.697E-02
                            0.000E+00
                                          0.000E+00
                                                         4.987E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.00DE+00
                                                                                                                                0.0002+00
                                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    737
              6.037E-02
                            0.000E+00
                                          0-000E±00
                                                         5.285E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
                                                         6.496E-03
                                                                       0.000E+00
                                                                                     0.000E+00
    738
              7.426E-02
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
    739
              9.259E-02
                            0.000E+00
                                          0.000E+00
                                                         8.102E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                  0.0002+00
                                                                                                                                0.000E+00
                                                                                                   O. DDDE+OO
    740
                                                        8.500E-03
                                                                       0.000E+00
                                                                                     0.000E+00
              9.716E-02
                            0.000E+00
                                          0_000E+00
                                                         2.845E-03
                                                                                                   0.000E+00
                                                                                                                                              0.000E+00
              3.251E-02
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    741
              2.905E-02
                                                                                                                                              0.000E+00
0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.541E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    742
                                                         1,802E-03
                                                                       0.000E+00
                                                                                                   0.000E+00
              2.058E-02
2.061E-02
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    743
                            0.000E+00
                                          0.000E+00
                                                                                                                                D.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         1.805E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
    744
                                                                                                                                              0.000E+00
0.000E+00
    745
                            0.000E+00
                                          0.000E+00
                                                         1.315E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0 000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
              1.000E-02
                            0.000E+00
                                          0.000E+00
                                                         8.752E-04
                            0.000E+00
                                                         1,001E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.143E-02
                                          0.000E+00
    747
                                                                                                                                              0.000E+00
0.000E+00
              1.096E-02
                                                         9.596E-04
9.751E-04
                                                                                                   0.000E+00
0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.0000
    748
                                                                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
    749
              1.114E-02
                            0.000E+00
                                          0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
              1.102E-02
                            0.000E+00
                                          0.000E+00
                                                         9.645E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    750
                                                         1.022E-03
    751
              1.168E-02
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                         1.050E-03
                                                                       0.000E+00
                                                                                     0.000E+00
    752
              1.200E-02
                            0.000E+00
                                          0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                         1.054E-03
                                                                       0.000E+00
                                                                                     0,000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    753
              1.204E-02
                            0.000E+00
                                           0.000E+00
                                                         1.037E-03
1.007E-03
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
              1.185E-02
                            0.000E+00
                                          0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
                                          0.000E+0D
    755
              1.150E-02
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                         9.656E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
              1.103E-02
                            0.000E+00
                                           0.000E+00
    756
                                                        2.677E-03
2.909E-03
2.521E-03
                                                                                                                                0.000E+00
0.000E+00
              3.051E-02
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
                                          0.000E+00
    758
              3.323E-02
     759
              2.872E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                0.000E+00
              3.481E-02
3.581E-02
                            0.000E+00
                                          0.000E+00
                                                         3.053E-03
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
     760
                                                         3.140E-03
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.00DE+00
                                                                                                                                              0.000E+00
                                          0.000E+00
    761
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              3.807E-02
                                           0.000E+00
                                                         3.340E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0_000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.00DE+00
                            0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                   0.000E+00
                                                         3.602E-03
                                                                       0.000E+00
                                                                                     a.000E+00
    763
              4.104E-02
                            0.000E+00
                                          0.000E+00
                                                         4.207E-03
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0:000E+00
              4.806E-02
                            0.000E+00
    764
                                                         5.245E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E \pm 00
                                                                                                                                              0.000E+00
                            0.000E+00
                                           0.000E+00
     765
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                    0.000E+00
              6.471E-02
9.690E-02
                                                         5.666E-03
8.480E-03
                                                                       0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                     0 000E+00
     766
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                     0.000E+00
    767
                            0.000E+00
                                                         7.076E-03
2.239E-03
3.093E-03
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
     768
              8.088E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
              2.559E-02
                                                                                                    0.0002+00
                            0.0002+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              3.534E-02
                                                                       0.000E+00
                                                                                                    0.000E+00
                                          0.000E+00
                            0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                     11/07/95
                                                                                                                                  09:41:42
                                                                                                                                               Page -
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              3.525E-02
                            0.000E+00
                                          0.000E+00
                                                         3.084E-03
                                                                       0.000E+00
                                                                                                                                0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              2,503E-02
                            0.000E+00
                                           0.000E+00
                                                         2.191E-03
                                                                       0.000E+00
                                                                                     0.000E+00
    772
                                                                                                                                0.000E+00
              1.691E-02
                            0.000E+00
                                           0.000E+00
                                                         1.481E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
             1.890E-02
1.361E-02
7.589E-03
9.791E-03
                                                                                                    0.000E+00
                                                                                                                  0,000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    774
                            0.000E+00
                                          D. 000E+00
                                                         1.655E-03
                            0.000E+00
    775
                                                         1.193E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              O. DOGE+OD
                                           0.000E+00
                                           0.000E100
                                                         6.641E-04
8.568E-04
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                              0.0000000
                            0,000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0 000E+00
                                                                                                                                0.000E+00
    776
                                                                                                                                0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                              0.0000+00
                                                                       0.000E+00
                            0 000E+00
                                           0 000E+00
                                                         9.461E-04
              1.081E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    778
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.028E-02
                            0.000E+00
                                           0.000E+00
                                                         9.002E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.029E-02
1.031E-02
                                                                       0.000E+00
    780
                            0.000E+00
                                          n_cone+no
                                                         9.003E-04
9.026E-04
                            0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0,000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                           0.000E+00
     781
                                                         8.383E-04
                                                                                                                                              0.000E+00
              9.579E-03
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.006E-02
1.032E-02
                                                         A. BD3E-04
                                                                       0.000E+00
     783
                            0 000E+00
                                           0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.0002+00
                                                                                                                                              0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         9.036E-04
                                                                       0,000E+00
     784
                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         9.105E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
              1.040E-02
                                                                       0.000E+00
0.000E+00
                                                         2.728E-03
2.033E-03
                                                                                     0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
              3.110E-02
2.317E-02
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    786
                            0.000E+00
                                           0.000E+00
                            0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                           0.000E+00
     787
                                                         2.505E-03
2.745E-03
2.758E-03
                                                                                                                                              0.000E+00
              2.856E-02
                            0,000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E \pm 00
     788
                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                0.D00E+00
              3,130E-02
                                                                                     0.000E+00
                                                                                                    0.000E+00
     789
                            0 000E+00
                                           0.000E+00
                                                                       0.000E+00
0.000E+00
              3.143E-02
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                           0.000E+00
     790
                                                                                                                                              0.000E+00
              3.464E-02
                                           0.000E+00
                                                         3.041E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                            0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
              4.762E-02
4.721E-02
                                                         4.169E-03
4.132E-03
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
    792
                            0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                           0.000E+00
     793
              5.987E-02
                            0,000E+00
                                           0.000E+00
                                                         5.237E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0 0008+00
                                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                    0.000E+00
     795
              7.112E-02
                            0.000E+00
                                           0.000E+00
                                                         6.223E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
              9.664E-02
                            0 000E+00
                                           0 0005+00
                                                         8.456E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
     796
              6.780E-02
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
     797
                            0.000E+00
                                           0.000E+00
                                                         5.933E-03
                                                                                                                                              0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                                0.000E+00
     798
              2.463E-02
                            0.000E+00
                                           0.000E+00
                                                         2.156E-03
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                         2.936E-03
2.338E-03
     799
              3 354E-02
                            0.000E+00
                                           0.000E+00
              2.671E-02
2.277E-02
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                  0,000E+00
                                                                                                                                0.000E+00
                            0.000E+00
                                                                                                    0.000E+00
                                           0.000E+00
    800
                                                                                                                                0.0D0E+00
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.993E-03
                                                                                                    0 000E+00
     801
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
              2.225E-02
                                                         1.948E-03
    802
                            0.000E+00
                                           0.000E+00
                                                         1.319E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.00DE+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    803
              1.507E-02
                            0.000E+00
                                           0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              1.744E-02
                            0.000E+00
                                           0.000E+00
                                                         1.527E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0.000E+00
     804
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
                                                                                      0.000E+00
              1.258E-02
                                                         1.102E-03
                                                                       0.000E+00
    805
                            0.000E+00
                                           0 000E+00
              6.070E-03
7.790E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    806
                            0.000E+00
                                           0.000E+00
                                                         5.320E-04
                                                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         6.817E-04
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
     807
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.00DE+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
    ROR
              9.523E-03
                            0.000E+00
                                           0.000E+00
                                                         8.334E-04
                                                                       0.0002+00
                            0.000E+00
                                                         8.945E-04
                                                                                      0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.022E-02
                                           0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0,000E+D0
    809
                                                                                                                                              0.000E+00
0.000E+00
                                                         8.445E-04
              9.645E-03
    810
                             0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0,000E+00
                                                                                                                                0.000E+00
    811
              9.468E-03
                            0.000E+00
                                           0.000E+00
                                                         8,286E-04
                                                                       0.000E+00
              9.739E-03
                                                         8.525E-04
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                           0.000E+00
    812
                                                         8.122E-04
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
    813
                                           0.000E+00
                                                                       0.000E+00
                                                                                                                                0.000E+00
              8.455E-03
                            0.000E+00
                                           0.000E+00
                                                         7.399E-04
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.0002+00
    814
    ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:
                                                                                                                                              0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
              0.000E+00
                            0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
```

11/07/95 09:41:42

Page -

Output File: g:\ace\GQ91\GQPACE.OUT

Input File: g:\ace\GQ91\GQPACE.DAT

```
KECEPTOR
                           Zn
                                                NTXPM
                    0.000E+00
0.000E+00
0.000E+00
                                         9.029E+02
3.881E+02
         3
                                         3.686E+02
                                        1.114E+03
1.084E+03
1.047E+03
6.395E+02
7.703E+02
                    0.000E+00
                    0.000E+00
0.000E+00
          5
6
7
                    0.000E+00
                    0.000E+00
0.000E+00
          8
                                         8.078E+02
                    0.000E+00
0.000E+00
                                         1.009E+03
8.508E+02
        10
        11
12
                    0.000E+00
0.000E+00
0.000E+00
                                         9.791E+02
        13
14
15
                                         2.836E+03
2.821E+03
2.761E+03
                    0.000E+00
                                         2.462E+03
5.596E+02
1.068E+03
        16
17
18
                    0.000E+00
0.000E+00
0.000E+00
        19
20
21
22
                                         1.017E+03
1.298E+03
1.178E+03
                    0.000E+00
                    0.000E+00
0.000E+00
                    0.000E+00
0.000E+00
                                         1.141E+03
1.031E+03
        23
24
25
                                         9.999E+02
1.620E+03
1.651E+03
                    0.000E+00
                    0.000E+00
0.000E+00
        26
27
28
29
                    0.000E+00
                                         2.891E+03
                                         3.524E+03
3.523E+03
2.938E+03
1.672E+03
                    0.000E+00
0.000E+00
         30
                    0.000E+00
        31
                    0.000E+00
                                         1.688E+03
2.989E+03
3.527E+03
3.514E+03
        32
         33
                    0.000E+00
                    0.000E+00
0.000E+00
        34
                                         3.483E+03
3.425E+03
3.785E+03
5.258E+03
6.031E+03
2.925E+03
         36
                    0.000E+00
        37
38
                    0.000E+00
                    0.000E+00
         39
                    0.000E+00
         40
                    0.000E+00
0.000E+00
         41
         42
                     0.000E+00
                                         2.649E+03
                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 108
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00
                                         1.811E+03
1.964E+03
2.680E+03
        44
45
46
47
                     0.000E+00
                    0.000E+00
0.000E+00
                     0.000E+00
                                         2.341E+03
                    0.000E+00
0.000E+00
                                         2.041E+03
2.997E+03
         48
         49
50
                     0.000E+00
                                         3.278E+03
         51
52
53
54
55
56
57
                     0.000E+00
                                         3.987E+03
                                         4.467E+03
2.008E+03
                     0.000E+00
                     0.000E+00
                    0.000E+00
0.000E+00
                                         1.725E+03
1.501E+03
                                          1.323E+03
                     0.000E+00
                                         1.173E+03
1.076E+03
                     0.000E+00
         58
59
                     0.000E+00
                     0.000E+00
                                          9.898E+02
         60
                     0.000E+00
                                          1.125E+03
                                          1.168E+03
         61
                     0.000E+00
                                          1.272E+03
1.297E+03
                     0.000E+00
         62
63
                     0.000E+00
                                         1.265E+03
1.169E+03
2.007E+03
                    0.000E+00
0.000E+00
         65
66
67
                     0.000E+00
                                          2,263E+03
2,549E+03
                     0.000E+00
                     0.000E+00
         68
69
                     0.000E+00
                                          2,999E+03
                                          3.407E+03
1.684E+03
         70
71
72
73
74
75
                     0.000E+00
                     0.000E+00
                                          1.564E+03
8.553E+02
8.561E+02
                     0.000E+00
                     0.000E+00
                     0.000E+00
                     0.000E+00
         76
77
78
                                          1.370E+03
1.437E+03
2.050E+03
1.774E+03
                     0.000E+00
                     0.000E+00
                     0.000E+00
         79
                     0.000E+00
                                          1.397E+03
1.199E+03
         80
                     0.000E+00
                     0.000E+00
         81
                                          1.197E+03
1.478E+03
                     0.000E+00
0.000E+00
```

83

0.000E+00

1.894E+03

```
0.000E+00
                                   2.109E+03
       85
                  0.000E+00
                                   2.092E+03
       86
                  0.000E+00
                                   1.972E+03
1.641E+03
                  0.000E+00
       88
                  0,000E+00
                                   1.517E+03
       89
                  0.000E+00
                                   1.092E+03
9.497E+02
       91
92
                 0.000E+00
                  0.000E+00
                                   8.659E+02
                  0.000E+00
                                   8.770E+02
                  0.000E+00
                                   6.840E+02
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                   11/07/95 09:41:42 Page -
                 0.000E+00
0.000E+00
                                   6.105E+02
8.700E+02
       96
97
                  0.000E+00
                                   9.447E+02
                  0.000E+00
0.000E+00
                                   1.027E+03
1.320E+03
       98
       99
      100
                  0.000E+00
                                    1.376E+03
                                   1.183E+03
7.313E+02
7.168E+02
      101
102
                  0.000E+00
0.000E+00
      103
                  0.000E+00
      104
                  0.000E+00
0.000E+00
                                   8.219E+02
      105
      106
                  0.000E+00
                                    8.835E+02
                  0.000E+00
0.000E+00
                                   9.529E+02
2.153E+03
      107
      108
                  0.000E+00
                                    1.418E+03
      109
      110
111
                  0.000E+00
0.000E+00
                                    8.639E+02
                                    1.187E+03
                  0.000E+00
                                    1.471E+03
                  0.000E+00
0.000E+00
                                    2.265E+03
      113
                                   2.795E+03
2.303E+03
1.979E+03
      114
                  0.000E+00
                  0.000E+00
0.000E+00
      116
117
                                   2.353E+03
2.577E+03
                  0.000E+00
                                   2.499E+03
2.115E+03
      119
120
                  0.000E+00
0.000E+00
                                   2.173E+03
2.339E+03
      121
                  0.000E+00
      122
123
                  0.000E+00
0.000E+00
                                    2.618E+03
2.256E+03
2.667E+03
                  0.000E+00
0.000E+00
0.000E+00
      124
      125
      126
                                    3.032E+03
                  0.000E+00
0.000E+00
                                   3.097E+03
3.002E+03
      127
      128
                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
      129
                                    2.788E+03
      130
                                    2.227E+03
2.318E+03
      131
      132
                                    3.444E+03
      133
                  0.000E+00
                                    4.178E+03
4.375E+03
                  0.000E+00
0.000E+00
      134
      135
                                    3.066E+03
      136
                  0.000E+00
                                    1.944E+03
                  0.000E+00
0.000E+00
                                    1.660E+03
      137
138
                                    1.590E+03
2.539E+03
1.890E+03
                  0.000E+00
0.000E+00
0.000E+00
      139
      140
                                    2.537E+03
1.786E+03
      141
      142
                  0.000E+00
                                    1.344E+03
1.522E+03
                  0.000E+00
0.000E+00
      143
      144
                  0.000E+00
                                    1.156E+03
                                    1.027E+03
      146
                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                   11/07/95 09:41:42 Page -
                  0.000E+00
                  0.000E+00
0.000E+00
                                    8.691E+02
8.325E+02
      148
      149
150
                  0.000E+00
                                    1.022E+03
      151
                  0.000E+00
0.000E+00
                                    1.064E+03
1.081E+03
      152
      153
                  0.000E+00
                                    1.070E+03
                  0.000E+00
0.000E+00
0.000E+00
      154
155
                                    1.059E+03
1.045E+03
                                    9.930E+02
      156
                  0.000E+00
0.000E+00
0.000E+00
      157
                                    1.063E+03
      158
159
                                    1.101E+03
      160
                  0.000E+00
                                    1.068E+03
      161
162
                  0.000E+00
0.000E+00
                                    1.113E+03
1.131E+03
      163
                  0.000E+00
                                    1.095E+03
                  0.000E+00
0.000E+00
      164
                                    1.201E+03
      165
                                    1.278E+03
                  0.000E+00
                                    1.288E+03
      167
                  0.000E+00
                                    1.265E+03
                  0.000E+00
                                    9.192E+02
      168
                                    9.042E+02
9.880E+02
9.206E+02
                  0.000E+00
                  0.000E+00
      170
                  0.000E+00
                  0 000E+00
                                    1.013E+03
                  0.000E+00
                                    1.052E+03
```

```
1.042E+03
1.001E+03
      174
175
                    0.000E+00
                    0.000E+00
                   0.000E+00
0.000E+00
                                        1.207E+03
      176
                                       1.204E+03
1.353E+03
                   0.000E+00
0.000E+00
      1/8
      179
                   0.000E+00
0.000E+00
0.000E+00
                                       1.367E+03
1.818E+03
      181
                                       1.815E+03
1.792E+03
1.764E+03
      182
                   0.000E+00
0.000E+00
      184
185
                                        1.735E+03
                                       1.174E+03
1.241E+03
                    0.000E+00
                    0.000E+00
      187
                   0.000E+00
0.000E+00
                                       1.232E+03
1.052E+03
1.130E+03
      188
      189
                   0.000E+00
0.000E+00
      190
                                        1.172E+03
      191
                    0.000E+00
0.000E+00
                                        1.185E+03
1.898E+03
      192
      193
                    0.000E+00
                                        1.453E+03
      194
                    0.000E+00
0.000E+00
0.000E+00
                                        1.308E+03
1.228E+03
1.272E+03
      195
      196
      197
                    0.000E+00
                                        1.292E+03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 111
                    0.000E+00
                                        1.347E+03
      200
                    0.000E+00
0.000E+00
                                        1.351E+03
1.309E+03
                    0.000E+00
                                        1.244E+03
      202
                                        1.265E+03
2.111E+03
                    0.000E+00
0.000E+00
      203
      204
      205
                    0.000E+00
                                        1.551E+03
                    0.000E+00
0.000E+00
                                        1.416E+03
1.387E+03
      206
      207
                    0.000E+00
                                        1.399E+03
                                        1.412E+03
1.576E+03
2.080E+03
                    0.000E+00
0.000E+00
      209
210
                    0.000E+00
                                        1.406E+03
1.300E+03
                    0.000E+00
0.000E+00
      212
213
                                        1.405E+03
1.959E+03
1.568E+03
                    0.000E+00
      215
216
                    0.000E+00
0.000E+00
                    0.000E+00
                                        1.521E+03
                    0.000E+00
0.000E+00
                                        1.535E+03
1.576E+03
      218
219
                                        1.777E+03
2.674E+03
2.595E+03
                    0.000E+00
                    0.000E+00
0.000E+00
      221
222
                    0.000E+00
                                        1.525E+03
1.446E+03
1.927E+03
      224
225
                    0.000E+00
0.000E+00
                                        1.751E+03
1.757E+03
2.635E+03
1.883E+03
       226
                    0.000E+00
                    0.000E+00
0.000E+00
       227
228
       229
                    0.000E+00
                                        2.145E+03
2.605E+03
2.654E+03
2.076E+03
                    0.000E+00
0.000E+00
0.000E+00
      230
231
                    0.000E+00
0.000E+00
       233
                                        2.533E+03
       234
                                        2.830E+03
2.585E+03
2.524E+03
                    0.000E+00
       236
237
                    0.000E+00
0.000E+00
                    0.000E+00
                                        2.582E+03
       238
                                        2.407E+03
2.495E+03
       239
                    0.000E+00
                    0.000E+00
0.000E+00
       240
       241
                                        2.638E+03
                    0.000E+00
                                        2.717E+03
2.700E+03
                    0.000E+00
0.000E+00
       243
       244
                                        2.522E+03
                    0.000E+00
                                        6.487E+02
7.753E+02
       246
247
                    0.000E+00
                    0.000E+00
                    0.000E+00
                                        7.963E+02
                                        6.694E+02
                    0.000E+00
       249
                    0.000E+00
                                        6.193E+02
       250
                                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 11/07/95 09:41:42 Page - 112
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
       251
252
253
                                        8.375E+02
8.202E+02
                    0.000E+00
                    0.000E+00
0.000E+00
                                         7.725E+02
                                        8.765E+02
8.134E+02
       254
                    0.000E+00
                    0.000E+00
0.000E+00
       255
       256
                                         8.614E+02
       257
                    0.000E+00
                                        6.925E+02
8.331E+02
                    0.000E+00
0.000E+00
       258
259
                                        3.615E+02
1.806E+02
       260
                    0.000E+00
                    0.000E+00
       261
                                        3.121E+02
                    0.000E+00
```

```
0.000E+00
                                     4.033E+02
     263
                  0.000E+00
                                      3.724E+02
      264
      265
                  0.000E+00
0.000E+00
                                     4.892E+02
5.397E+02
     266
     267
                  0.000E+00
                                      5,436E+02
                                     5,436E+02
5,551E+02
5,906E+02
7,107E+02
6,914E+02
7,013E+02
9,224E+02
5,393E+02
7,118E+02
8,242E+02
     268
                  0.000E+00
0.000E+00
      269
                  0.000E+00
     271
272
                  0.000E+00
0.000E+00
     273
274
275
                   0.000E+00
                  0.000E+00
                   0.000E+00
                  0.000E+00
0.000E+00
0.000E+00
      276
                                      8.002E+02
      278
                                      6.102E+02
7.657E+02
8.878E+02
                   0.000E+00
                  0.000E+00
0.000E+00
      280
      281
                                      8.600E+02
8.514E+02
8.881E+02
                   0.000E+00
                  0.000E+00
0.000E+00
      283
      284
                  0.000E+00
0.000E+00
      285
                                      8.823E+02
                                      7.287E+02
      286
      287
                   0.000E+00
                                      5.154E+02
3.229E+02
                  0.000E+00
0.000E+00
      289
      290
                   0.000E+00
                                      2.384E+02
                                      3.765E+02
4.187E+02
                   0.000E+00
0.000E+00
      291
      292
      293
                   0.000E+00
                                      4.707E+02
                   0.000E+00
0.000E+00
                                      5.383E+02
5.825E+02
5.556E+02
      294
      295
      296
                   0.000E+00
      297
                   0.000E+00
0.000E+00
                                      6.198E+02
                                      6.080E+02
      298
                                      7.620E+02
7.228E+02
                   0.000E+00
      299
                   0.000E+00
0.000E+00
      300
                                      8.085E+02
      301
                   0.000E+00
                                      1.016E+03
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 11/07/95 09:41:42 Page - 113
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                   0.000E+00
                                      1.045E+03
      303
                                      4.799E+02
6.025E+02
7.770E+02
                   0.000E+00
0.000E+00
0.000E+00
      305
      306
                   0.000E+00
                                      8.673E+02
7.815E+02
                   0.000E+00
0.000E+00
      308
                                      6.528E+02
9.055E+02
      309
                   0.000E+00
                                      8.983E+02
8.053E+02
      311
312
313
                   0.000E+00
                   0.000E+00
                   0.000E+00
0.000E+00
                                      9.468E+02
8.980E+02
      314
                                      7.667E+02
      315
                   0.000E+00
                                      8.632E+02
5.214E+02
2.744E+02
                   0.000E+00
      317
318
                   0.000E+00
                   0.000E+00
                   0.000E+00
                                      3.173E+02
                                      4.296E+02
4.279E+02
5.265E+02
      320
                   0.000E+00
                   0.000E+00
      321
      322
                   0.000E+00
                                      6.147E+02
5.513E+02
      323
                   0.000E+00
                   0.000E+00
      324
      325
                   0.000E+00
                                      6.474E+02
                                      6.504E+02
8.136E+02
7.504E+02
      326
                   0.000E+00
                   0.000E+00
      327
328
                   0.000E+00
      329
                   0.000E+00
                                      9.283E+02
                                      1.106E+03
1.063E+03
                   0.000E+00
      330
                   0.000E+00
      331
                                      8.476E+02
6.752E+02
5.057E+02
                   0.000E+00
      333
                   0.000E+00
                   0.000E+00
      334
       335
                   0.000E+00
                                      6.694E+02
                                      8.442E+02
8.988E+02
7.315E+02
                   0.000E+00
0.000E+00
      336
      337
                   0.000E+00
                                      8.348E+02
9.189E+02
      339
                   0.000E+00
0.000E+00
      340
                                      8.394E+02
9.829E+02
9.076E+02
                   0.000E+00
      342
                   0.000E+00
                   0.000E+00
      343
                    0.000E+00
                                      8.059E+02
                                      8.988E+02
5.215E+02
      345
                   0.000E+00
                   0.000E+00
      346
347
                                      2,318E+02
3,906E+02
                    0.000E+00
                    0.000E+00
                                      4.641E+02
5.181E+02
      349
                   0.000E+00
       350
                    0.000E+00
                                      6.343E+02
6.128E+02
6.720E+02
                   0.000E+00
0.000E+00
```

352

353

0.000E+00

0.000E+00

6.976E+02

```
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 11
                    0.000E+00
0.000E+00
                                          8.695E+02
7.767E+02
       356
357
                     0.000E+00
                                          1.058E+03
                     0.000E+00
0.000E+00
                                          1.181E+03
1.048E+03
       359
                     0.000E+00
                                          1.015E+03
       360
                                          1.129E+03
6.988E+02
7.106E+02
                     0.000E+00
                     0.000E+00
0.000E+00
       362
363
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                          5.354E+02
7.399E+02
       364
       365
       366
                                          9.133E+02
9.090E+02
       367
                                          6.934E+02
9.806E+02
9.400E+02
9.923E+02
       368
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
       370
       371
                                          9.109E+02
       372
                     0.000E+00
0.000E+00
0.000E+00
                                          8.453E+02
9.418E+02
       373
       374
375
                                           5.121E+02
                     0.000E+00
0.000E+00
0.000E+00
       376
377
                                          3.237E+02
4.567E+02
                                          4.817E+02
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                          6.341E+02
6.734E+02
6.910E+02
7.531E+02
9.354E+02
       379
       380
       382
       383
                     0.000E+00
                                          8.732E+02
                     0.000E+00
0.000E+00
                                          1.193E+03
       385
                                          1.231E+03
9.930E+02
       386
                     0.000E+00
0.000E+00
0.000E+00
       387
                                          1.179E+03
1.185E+03
       388
       389
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                          1.018E+03
5.538E+02
       390
       391
                                          7.106E+02
7.485E+02
5.987E+02
       392
       393
       394
       395
                                           8.165E+02
                     0.000E+00
0.000E+00
0.000E+00
                                          9.819E+02
                                           8.821E+02
       397
                                          9.326E+02
9.828E+02
9.733E+02
       398
                     0.000E+00
0.000E+00
0.000E+00
       399
       400
                                           9.251E+02
       401
                     0.000E+00
0.000E+00
                                          8.858E+02
9.664E+02
       402
       403
                                          4.864E+02
4.073E+02
5.216E+02
                     0.000E+00
       404
       405
                     0.000E+00
0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:41:42 Page - 115
                     0.000E+00
0.000E+00
0.000E+00
       407
                                           6.086E+02
                                          7.250E+02
7.011E+02
       408
       409
       410
                     0.000E+00
0.000E+00
                                          8.174E+02
1.013E+03
       411
                     0.000E+00
                                          1.039E+03
       412
                     0.000E+00
0.000E+00
0.000E+00
                                          1.321E+03
1.239E+03
       414
415
                                          1.196E+03
                     0.000E+00
                                           1.292E+03
        416
                                          1.153E+03
8.768E+02
                     0.000E+00
0.000E+00
       417
       418
                     0.000E+00
                                           9.509E+02
                                          7.844E+02
6.540E+02
7.177E+02
7.892E+02
        420
                     0.000E+00
       421
422
                     0.000E+00
                     0.000E+00
        423
                     0.000E+00
                     0.000E+00
0.000E+00
       424
425
                                           6.620E+02
                                           9.053E+02
                                           1.039E+03
8.005E+02
                     0.000E+00
                     0.000E+00
       427
                     0.000E+00
0.000E+00
0.000E+00
                                           1.040E+03
       428
                                           9.226E+02
                                          1.014E+03
9.521E+02
        430
                     0.000E+00
        431
                     0.000E+00
0.000E+00
                                           9.928E+02
4.357E+02
       433
                                          4.820E+02
5.582E+02
7.548E+02
7.013E+02
                     0.000E+00
        434
        435
                     0.000E+00
                     0.000E+00
0.000E+00
       436
        437
                                           8.916E+02
1.108E+03
1.226E+03
                     0.000E+00
       439
                     0.000E+00
                     0.000E+00
       440
                     0.000E+00
0.000E+00
                                           1.426E+03
1.191E+03
       442
                     0.000E+00
                                           1.384E+03
        443
```

1.307E+03

```
0.000E+00
                                      1.014E+03
                   0.000E+00
                                       1.035E+03
      447
                   0 000E+00
                                       1.065E+03
9.757E+02
                   0.000E+00
      448
                                       7.434E+02
8.327E+02
7.726E+02
7.182E+02
                   0.000E+00
      449
      450
451
                   0.000E+00
0.000E+00
                   0.000E+00
      452
                   0.000E+00
0.000E+00
                                       8.332E+02
7.278E+02
      453
454
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       1.015E+03
1.058E+03
1.067E+03
1.007E+03
       455
      456
457
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 116
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT * Output File: g:\ace\GQ91\GQPACE.OUT
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       1.055E+03
1.014E+03
      460
                                       1.059E+03
      461
462
                                       4.276E+02
5.922E+02
7.495E+02
                   0.000E+00
0.000E+00
       463
      464
      465
                   0.000E+00
                                       7.831E+02
                   0.000E+00
0.000E+00
0.000E+00
                                       9.747E+02
                                       1.224E+03
      467
       468
                                       1.425E+03
                   0.000E+00
0.000E+00
0.000E+00
                                       1.484E+03
1.437E+03
1.475E+03
       469
      470
471
                   0.000E+00
0.000E+00
0.000E+00
                                       1.184E+03
       472
                                       1.134E+03
       473
                                       1.155E+03
      475
476
                   0.000E+00
0.000E+00
                                       1.028E+03
                                       8.185E+02
5.958E+02
8.576E+02
                    0.000E+00
      478
479
                   0.000E+00
0.000E+00
                                        7.490E+02
       480
                    0.000E+00
                                       8.335E+02
8.717E+02
                   0.000E+00
0.000E+00
       481
       482
                                        7.090E+02
                   0.000E+00
0.000E+00
0.000E+00
       483
                                        8.816E+02
                                        8,081E+02
       484
                                       1.144E+03
9.957E+02
       485
       486
                   0.000E+00
                   0.000E+00
0.000E+00
                                       1.064E+03
       487
                                        1.134E+03
       488
                                       5.007E+02
7.105E+02
8.622E+02
       489
                   0.000E+00
       490
                   0.000E+00
0.000E+00
       491
       492
                   0.000E+00
                                       1.066E+03
                   0.000E+00
0.000E+00
                                       1.373E+03
       493
                                        1.616E+03
       494
                                       1.465E+03
1.638E+03
       495
                    0.000E+00
      496
497
                   0.000E+00
                   0.000E+00
                                        1.395E+03
       498
                    0.000E+00
                                        1.252E+03
                   0.000E+00
0.000E+00
       499
                                       1.257E+03
                                        1.077E+03
       500
       501
                    0.000E+00
                                        8.118E+02
                                       5.524E+02
3.469E+02
2.273E+02
                   0.000E+00
0.000E+00
       502
       503
                    0.000E+00
                   0.000E+00
0.000E+00
                                       9.442E+02
9.815E+02
       505
       506
                    0.000E+00
                                        9.472E+02
                                       8.225E+02
9.224E+02
       508
                   0.000E+00
                    0.000E+00
       509
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                   11/07/95 09:41:42 Page - 117
                   0.000E+00
0.000E+00
                                       9.368E+02
9.304E+02
       512
       513
                    0.000E+00
                                        1.531E+03
                                       1.011E+03
6.706E+02
8.804E+02
       514
515
                   0.000E+00
0.000E+00
       516
                    0.000E+00
                                       1.153E+03
1.570E+03
1.770E+03
1.757E+03
1.647E+03
1.392E+03
                   0.000E+00
0.000E+00
0.000E+00
       517
518
                   0.000E+00
0.000E+00
       520
       521
522
                    0.000E+00
                   0.000E+00
0.000E+00
                                       1.371E+03
1.118E+03
       523
       524
       525
                    0.000E+00
                                        7.839E+02
                   0.000E+00
0.000E+00
0.000E+00
                                       4.887E+02
2.965E+02
3.736E+02
       526
       527
       528
       529
                   0.000E+00
                                        4.406E+02
       530
                   0.000E+00
                                        4.922E+02
7.739E+02
                   0.000E+00
       531
       532
                   0.000E+00
                                        8.897E+02
```

1.005E+03

```
1.074E+03
1.056E+03
                  0.000E+00
      534
                  0.000E+00
      535
                                     9.166E+02
9.797E+02
                  0.000E+00
      536
                  0.000E+00
                                     1.077E+03
      538
                  0.000E+00
                                    8.138E+02
9.228E+02
                  0.000E+00
      539
      540
                  0.000E+00
                  0.000E+00
                                     1.678E+03
                  0.000E+00
0.000E+00
                                     1.838E+03
      542
      543
                                     1.922E+03
                  0.000E+00
0.000E+00
                                     1.557E+03
      545
                                     1.141E+03
7.267E+02
                  0.000E+00
      546
                  0.000E+00
0.000E+00
      547
      548
      549
                  0.000E+00
                                     4.906E+02
                                     5.627E+02
                  0.000E+00
0.000E+00
      550
                                     6.079E+02
      551
                  0.000E+00
0.000E+00
0.000E+00
                                     6.252E+02
6.547E+02
      552
      553
      554
                                     6.938E+02
                  0.000E+00
0.000E+00
0.000E+00
                                     8.387E+02
7.177E+02
      555
      556
557
                                      9.395E+02
                  0.000E+00
                                     9.507E+02
1.058E+03
      559
                  0.000E+00
0.000E+00
                                      1.165E+03
      560
                  0.000E+00
                                     1.043E+03
                                    1.204E+03
      562
                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:41:42 Page - 118
                  0.000E+00
0.000E+00
0.000E+00
                                     1.533E+03
2.818E+03
2.485E+03
      563
564
565
                  0.000E+00
0.000E+00
0.000E+00
                                     2.161E+03
1.743E+03
      566
567
       568
                                      1.622E+03
                                     1.136E+03
6.314E+02
      569
                  0.000E+00
0.000E+00
      570
                  0.000E+00
                                      6.346E+02
       571
                  0.000E+00
0.000E+00
0.000E+00
                                     7.022E+02
7.829E+02
       572
      573
                                      8.380E+02
       574
                  0.000E+00
0.000E+00
0.000E+00
                                      8.650E+02
8.661E+02
       575
       576
       577
                                      8.458E+02
                                     8.094E+02
7.619E+02
8.601E+02
                  0.000E+00
0.000E+00
0.000E+00
      578
      579
       580
                                     9.217E+02
9.734E+02
                  0.000E+00
0.000E+00
      581
      582
       583
                   0.000E+00
                                      9.104E+02
                  0.000E+00
0.000E+00
                                     9.822E+02
9.666E+02
      584
      585
                                     1.219E+03
1.331E+03
2.557E+03
1.759E+03
       586
                   0.000E+00
      587
588
                  0.000E+00
0.000E+00
       589
                   0.000E+00
                  0.000E+00
0.000E+00
                                     1.090E+03
9.487E+02
       590
       591
       592
                   0.000E+00
                                      1.020E+03
                                     1.056E+03
1.052E+03
1.011E+03
       593
                   0.000E+00
      594
595
                  0.000E+00
0.000E+00
       596
                   0.000E+00
                                      9.439E+02
                                      8.611E+02
7.722E+02
                   0.000E+00
0.000E+00
       597
       598
                   0.000E+00
                                      6.839E+02
                                      6.004E+02
5.240E+02
       600
                   0.000E+00
0.000E+00
       601
       602
                   0.000E+00
                                      4.557E+02
                                      2.183E+03
       603
                   0.000E+00
                   0.000E+00
                                      2.276E+03
       604
       605
                   0.000E+00
                                      2.382E+03
                                      2.505E+03
2.651E+03
       606
                   0.000E+00
                   0.000E+00
0.000E+00
       607
                                      2.832E+03
       608
                                      3.063E+03
       609
                   0.000E+00
                                      1.282E+03
                   0.000E+00
0.000E+00
       610
                                      1.266E+03
1.217E+03
1.101E+03
       611
                   0.000E+00
                   0.000E+00
       613
                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 119
                   0.000E+00
                                      8.012E+02
                                      7.106E+02
6.780E+02
                   0.000E+00
       616
       617
                   0.000E+00
                   0.000E+00
0.000E+00
                                      6.463E+02
6.159E+02
       618
                                      5.872E+02
5.603E+02
5.351E+02
       620
                   0.000E+00
                   0.000E+00
       621
                   0.000E+00
```

```
0.000E+00
0.000E+00
      623
                                     5.116E+02
                                     4.897E+02
      624
                  0.000E+00
                                     3.826E+03
                                     3.968E+03
      626
                  0.000E+00
                                     4.115E+03
                  0.000E+00
      627
                  0.000E+00
                                     4.272E+03
                                     4.450E+03
4.678E+03
                  0.000E+00
0.000E+00
      629
      630
      631
                  0.000E+00
                                     5.019E+03
                                     5.611E+03
9.127E+02
                  0.000E+00
0.000E+00
      633
      634
                  0.000E+00
                                     8.186E+02
                                     7.388E+02
6.799E+02
6.325E+02
5.922E+02
                  0.000E+00
0.000E+00
      636
      637
                  0.000E+00
      638
                  0.000E+00
                                     5.571E+02
5.260E+02
4.982E+02
4.732E+02
                  0.000E+00
0.000E+00
      639
      640
      641
642
                  0.000E+00
0.000E+00
                                     4.506E+02
4.300E+02
      643
                  0.000E+00
      644
                  0.000E+00
0.000E+00
                  0.000E+00
                                     3.939E+02
3.780E+02
                  0.000E+00
0.000E+00
      647
648
                                     3.015E+03
                                     2.980E+03
2.926E+03
      649
                  0.000E+00
                  0.000E+00
      650
651
                  0.000E+00
                                     2.852E+03
                                     2.766E+03
2.687E+03
      652
                  0.000E+00
                  0.000E+00
      653
654
                  0.000E+00
                                     2.635E+03
                                     2.595E+03
1.551E+03
                  0.000E+00
                  0.000E+00
      656
657
                                     8.920E+02
7.327E+02
7.480E+02
                  0.000E+00
      658
                  0.000E+00
                  0.000E+00
      659
                  0.000E+00
                                     7.211E+02
      660
                                     6.669E+02
5.978E+02
                  0.000E+00
0.000E+00
      662
                                     5.253E+02
4.566E+02
3.953E+02
3.559E+02
                  0.000E+00
      663
                  0.000E+00
0.000E+00
      665
                  0.000E+00
                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                             11/07/95 09:41:42 Page -
                  0.000E+00
0.000E+00
                                     3.303E+02
                                     3.027E+02
2.745E+02
2.664E+02
      669
670
                  0.000E+00
0.000E+00
                                     2.607E+02
2.544E+02
9.057E+02
                  0.000E+00
                  0.000E+00
0.000E+00
      672
673
                  0.000E+00
                                     1.020E+03
                                     1.117E+03
1.241E+03
                  0.000E+00
0.000E+00
      675
      676
                   0.000E+00
                                      1.382E+03
       678
                  0.000E+00
0.000E+00
                                     1.376E+03
1.521E+03
      679
                   0.000E+00
                                      1.450E+03
       680
                  0.000E+00
0.000E+00
0.000E+00
                                     2.320E+03
2.144E+03
       681
      682
                                      3.124E+03
       683
                  0.000E+00
0.000E+00
0.000E+00
                                     4.478E+03
1.021E+03
7.021E+02
       684
      685
      686
       687
                   0.000E+00
                                     6.161E+02
5.186E+02
      688
                  0.000E+00
0.000E+00
                                      5.700E+02
5.889E+02
      689
       690
                   0.000E+00
      691
692
                  0.000E+00
0.000E+00
                                      5.810E+02
                                      5.165E+02
4.736E+02
4.298E+02
       693
                   0.000E+00
      694
                  0.000E+00
      695
                   0.000E+00
                   0.000E+00
                                      3.875E+02
                                      3.483E+02
3.352E+02
       697
                  0.000E+00
0.000E+00
      698
      699
                   0.000E+00
                                      3.232E+02
                  0.000E+00
0.000E+00
0.000E+00
       700
                                      3.080E+02
                                      9.019E+02
7.704E+02
       701
       702
                                      1.075E+03
1.063E+03
                  0.000E+00
0.000E+00
0.000E+00
       703
      704
705
                                      1.341E+03
                                      1.449E+03
1.404E+03
1.582E+03
       706
                   0.000E+00
                   0.000E+00
0.000E+00
       707
       708
      709
710
711
                                      2.103E+03
2.316E+03
2.864E+03
                   0.000E+00
                   0.000E+00
                   0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
                                      3.907E+03
9.499E+02
8.344E+02
       712
      713
714
                   0.000E+00
                                      7.066E+02
```

```
5.175E+02
4.051E+02
3.921E+02
                  0.000E+00
     716
     717
                   0.000E+00
                  0.000E+00
    FIN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10

At File: g:\ace\CQ91\GQPACE.DAT

Output File: g:\ace\CQ91\GQPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Paga = 121
     it File: g:\ace\GQ91\GQPACE.DAT
                                      4.343E+02
                   0.000E+00
                                      4.666E+02
4.806E+02
                  0.000E+00
0.000E+00
      720
      721
722
                   0.000E+00
                                      4.791E+02
                                      4.660E+02
                  0.000E+00
0.000E+00
      723
      724
                                      4.450E+02
                                      4.193E+02
3.913E+02
3.627E+02
                   0.000E+00
                   0.000E+00
0.000E+00
      726
727
                                      3.346E+02
9.813E+02
                   0.000E+00
      729
730
                   0.000E+00
0.000E+00
                                      1.060E+03
                   0.000E+00
0.000E+00
0.000E+00
      731
                                      1.120E+03
                                      1.197E+03
1.016E+03
      732
733
      734
735
                   0.000E+00
0.000E+00
                                      1.424E+03
1.326E+03
      736
                   0.000E+00
                                      1.919E+03
2.033E+03
                   0.000E+00
0.000E+00
0.000E+00
      737
                                      2.499E+03
      738
                                      3.117E+03
3.270E+03
      739
                   0.000E+00
0.000E+00
0.000E+00
      740
                                      1.095E+03
9.775E+02
6.933E+02
      741
      742
743
744
                   0.000E+00
0.000E+00
0.000E+00
                                      6.947E+02
5.059E+02
3.367E+02
      745
                   0.000E+00
0.000E+00
      746
747
                                       3.849E+02
                                      3.692E+02
3.751E+02
3.710E+02
3.930E+02
      748
                   0.000E+00
      749
750
                   0.000E+00
0.000E+00
      751
                   0.000E+00
                                       4.040E+02
      752
753
                   0.000E+00
                   0.DD0E+00
                                       4.053E+02
      754
755
                   0.000E+00
0.000E+00
                                      3.991E+02
3.872E+02
                                       3.715E+02
      756
                   0.000E+00
                                      1.031E+03
1.119E+03
9.704E+02
      757
                   0.000E+00
                   0.000E+00
0.000E+00
      758
      759
                   0.000E+00
                                       1.175E+03
1.209E+03
      760
      761
                   0.000E+00
0.000E+00
                                       1.286E+03
      762
763
                   0.000E+00
                                       1.387E+03
                   0.000E+00
0.000E+00
                                       1.619E+03
      764
                                       2.018E+03
      765
                   0.000E+00
0.000E+00
0.000E+00
                                       2.180E+03
3.262E+03
      766
      767
                                      2.722E+03
8.614E+02
1.190E+03
      768
                   0.000E+00
0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                   11/07/95 09:41:42 Page -
                   0.000E+00
                                       1.186E+03
      772
773
                   0.000E+00
0.000E+00
                                       8.430E+02
5.696E+02
                                       6.369E+02
4.590E+02
2.554E+02
3.296E+02
       774
                   0.000E+00
      775
                   0.000E+00
                   0.000E+00
0.000E+00
      776
777
                   0.000E+00
0.000E+00
0.000E+00
                                       3.640E+02
3.463E+02
3.464E+02
       778
       779
       780
                                       3.472E+02
3.225E+02
3.386E+02
       781
                   0.000E+00
                   0.000E+00
       782
                   0.000E+00
       783
                                       3.476E+02
3.503E+02
       784
                   0.000E+00
                   0.000E+00
       785
                                       1.050E+03
7.827E+02
                   0.000E+00
       786
       787
                    0.000E+00
                                       9.642E+02
1.057E+03
       788
                   0.000E+00
       789
                    0.000E+00
                    0.000E+00
                                       1.062E+03
       790
                                       1.171E+03
1.604E+03
      791
792
                   0.000E+00
                    0.000E+00
       793
                    0.000E+00
                                        1.590E+03
                                       2.015E+03
2.394E+03
      794
795
                   0.000E+00
0.000E+00
                    0.000E+00
                                       3.253E+03
       796
                                       2.282E+03
8.293E+02
                   0.000E+00
0.000E+00
       797
       798
                                       1.129E+03
8.994E+02
7.669E+02
7.494E+02
                    0.000E+00
                   0.000E+00
0.000E+00
       800
       801
                    0.000E+00
       802
                                       5.077E+02
5.877E+02
```

803

804

0.000E+00 0.000E+0D

```
805 0.000E+00 4.241E+02
806 0.000E+00 2.047E+02
807 0.000E+00 3.206E+02
808 0.000E+00 3.206E+02
810 0.000E+00 3.249E+02
811 0.000E+00 3.188E+02
812 0.000E+00 3.280E+02
813 0.000E+00 3.280E+02
814 0.000E+00 3.280E+02
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, FM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 123

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	ACETA	ACROL	As	BENZE	Be	Cd	Cr	Cu	НСНО	HCN
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 40 40 40 40 40 40 40 40 40 40 40 40	0.000E+00	0.000E+00	1.636E-05 1.710E-05 1.710E-05 2.723E-05 2.723E-05 2.449E-05 1.909E-05 1.909E-05 3.306E-05 3.306E-05 2.849E-05 2.849E-05 2.849E-05 1.42E-05 1.42E-05 1.42E-05 1.421E-05	0.000E+00	1.393E-06 7.819E-07 7.728E-07 1.753E-06 1.710E-06 1.560E-06 1.366E-06 1.384E-06 2.887E-06 3.221E-06 3.356E-06 4.219E-06 7.523E-06 1.777E-06 2.193E-06 1.777E-06 2.193E-06 1.779E-06 1.734E-06 1.799E-06 1.734E-06 1.734E-06 1.734E-06 1.734E-06 1.734E-06 1.738E-06 1.734E-06 1.738E-06 1.738E	6.118E-07 6.217E-07 6.217E-07 6.185E-07 1.006E-06 1.000E-06 9.054E-07 7.364E-07 7.364E-07 7.712E-07 1.249E-06 1.103E-06 1.103E-06 1.102E-06 1.102E-06 1.264E-06 4.214E-07 7.083E-07 1.024E-06 1.264E-07 5.725E-07 5.427E-07 5.427E-07 5.427E-07 5.600E-07 5.140E-07 5.659E-07 6.295E-07	1.025E-07 1.037E-07 1.032E-07 1.678E-07 1.678E-07 1.508E-07 1.173E-07 1.276E-07 2.076E-07 2.987E-08 2.489E-07 1.863E-07 1.863E-07 2.120E-07 1.863E-07 2.120E-07 1.864E-07 1.290E-07 1.684E-08 9.090E-08 8.049E-08 9.090E-08 8.049E-08 9.521E-08 9.090E-08 8.049E-08 9.521E-08 9.090E-08 8.049E-08 9.10E-08 8.049E-08 9.112E-08 9.210E-08 8.680E-08 7.878E-08 9.25E-07 1.007E-07 1.14E-07 1.14E-07 1.14E-07 1.07E-07 2.073E-07 2.073E-07 2.073E-07 2.073E-07 2.073E-07 2.074E-07	0.000E+00 0.000E+00	0.000E+00 0.000E+00	8.090E-02 9.727E-02 9.561E-02 1.258E-01 1.245E-01 1.346E-01 8.432E-02 8.936E-02 9.632E-02 1.544E-01 4.328E-01 4.328E-01 4.328E-01 4.328E-01 2.576E-01 2.576E-01 2.576E-01 2.576E-01 2.576E-01 2.576E-02 3.34E-02 3.36E-
GOLDEN QUER	EN MINING - S : g:\ace\GQ91	SOLEDAD MTN I L\GQPACE.DAT	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, Pt g:\ace\GQ91	410 * \GQPACE.OUT	OUTPUT OF A	MI/SBCAPCD AC 11/07/95	E2588 MODEL 09:41:42	VERS. 93288 * Page - 124
43 44 45 46 47 48 49 50 51 53 54 55 56 57 86 61 62 63	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.153E-05 2.367E-05 2.024E-05 3.177E-05 3.973E-05 4.212E-05 4.147E-05 4.148E-05 3.923E-05 3.923E-05 3.667E-05 3.667E-05 2.655E-05 2.354E-05 2.111E-05 1.885E-05 2.037E-05 2.022E-05 2.229E-05 2.480E-05	0.000E+00 0.000E+00	3.576E-06 2.562E-06 2.130E-06 3.497E-06 4.610E-06 5.973E-06 5.304E-06 3.779E-06 3.171E-06 2.621E-06 2.353E-06 2.147E-06 1.985E-06 1.631E-06 1.631E-06 1.724E-06 1.724E-06 1.780E-06 1.780E-06	1.184E-06 9.032E-07 7.740E-07 1.192E-06 1.483E-06 1.611E-06 1.613E-06 1.581E-06 1.349E-06 1.143E-06 1.007E-06 9.130E-07 8.230E-07 7.339E-07 7.339E-07 7.844E-07 8.494E-07 9.278E-07	2.018E-07 1.511E-07 1.28PE-07 2.029E-07 2.537E-07 2.757E-07 2.689E-07 2.581E-07 2.450E-07 1.909E-07 1.659E-07 1.328E-07 1.211E-07 1.185E-07 1.279E-07 1.279E-07 1.279E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.447E-01 1.735E-01 1.326E-01 2.183E-01 4.360E-01 1.935E-01 1.241E+00 8.733E-01 1.351E+00 1.004E+00 9.916E-01 3.531E-01 2.798E-01 2.228E-01 2.228E-01 2.521E-01 3.072E-01 3.724E-01

```
2.015E-06
2.176E-06
2.660E-06
3.134E-06
                                                                                                                                                 4 599E-01
                                                                                      1.036E-06
                                                                                                     1.744E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                         0.000E+00
0.000E+00
                                           2.814E-05
3.285E-05
                            0.000E+00
     64
             0.000E+00
                                                                                                                                                  5.469E-01
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                     2.027E-07
2.287E-07
                                                                                       1.206E-06
                            0.000E+00
0.000E+00
              0-000E+00
                                                                                       1.361E-06
                                                                                                                                   0.000E+00
                                                                                                                                                  9.916E-01
                                                                                                                    0.000E+00
                                           3.689E-05
                                                         0 000E+00
              0.000E+00
     66
67
                                                                                                                                                  8 178E-01
                                                                                       1.650E-06
                                                                                                     2.742E-07
                                                                                                                    0 000E+00
                                                                                                                                   0 000E+00
                                           4.424E-05
5.541E-05
                                                         0 000E+00
                            0.000E+00
               000E+00
                                                                                                                                                  1,217E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                     3.435E-07
4.757E-07
                                                                        3.898E-06
                                                                                       2.08/E-06
                                                         0.000E+00
     68
70
71
72
73
74
75
              0 000E+00
                            0.000E100
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 2 000E+00
1 570E+00
                                                                                       3.624E-06
                            0.000E+00
                                             522E-05
                                                         0.000E+00
                                                                        5.701E-06
8.796E-06
              0.000E+00
                                                                                                     6.452E-07
5.291E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                         0.000E+00
                                           1.014E-04
              0.000E+00
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.061E+00
                                                                                       3 796E-06
                                                         0.000E+00
                                                                        5.984E-06
                            0.000E+00
                                           8.438E-05
              0.000E+00
                                                                                                     3.546E-07
2.913E-07
2.430E-07
3.120E-07
                                                                                                                                                  7.435E-01
5.000E-01
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        3.651E-06
2.210E-06
                                                                                       2.461E-06
                                           5.700E-05
4.796E-05
              0.000E+00
                            0.000E+00
                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                         0.000E+00
                                                                                       1.763E-06
                                                                                                                    0.000E+00
              0.000E+00
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  3.588E-01
                                                                                                                    0.000E+00
                                                                        1.942E-06
3.470E-06
                                                                                       1.489E-06
2.278E-06
                            0.000E+00
                                           3.989E-05
                                                         0.000E+00
              0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  3.860E-01
                                           4.974E-05
              0.000E+00
                            0.000E+00
                                                         0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.198E-01
                                                                                                     3.095E-07
4.011E-07
     76
77
78
                                                                        2.476E-06
                                                                                       1.965E-06
                                                                                                                    0.000E+00
                                           5.069E-05
                                                         0.000E+00
              0.000E+00
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.279E-01
                                                                        2.818E-06
3.351E-06
                                                                                       2.597E-06
                            0.000E+00
                                           6.594E-05
                                                          0.000E+00
              0.000E+00
                                                                                       2.687E-06
                                                                                                     3.919E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.129E-01
3.521E-01
                            0.000E+00
                                           6.366E-05
                                                         0 000E+00
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                                                        3.024E-06
                                                                                       2.180E-06
                                                                                                     3.073E-07
                                                                                                                    0.000E+00
                                           4.944E-05
              0.000E+00
                            0.000E+00
                                                                                                                                                  2.908E-01
                                                                                                                                   0.000E+00
                                                                                                     2.381E-07
                                                                                                                    0.000E+00
                                                                        2.417E-06
1.997E-06
1.507E-06
                                                                                       1.655E-06
1.280E-06
                            0.000E+00
                                           3.831E-05
                                                         0.000E+00
              0.000E+00
     80
                                                                                                      1.869E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.391E-01
                                           3.001E-05
2.379E-05
                             0.000E+00
                                                         0.000E+00
              0.000E+00
     81
                                                                                                                                   0.000E+00
                                                                                                                                                  1,973E-01
                                                                                                     1.471E-07
1.812E-07
                                                          0.000E+00
                                                                                       9.456E-07
                                                                                                                    0 000E+00
                            0 000E+00
              0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.132E-01
              0.000E+00
0.000E+00
                             0.000E+00
                                           2.876E-05
                                                          0.000E+00
                                                                        2.249E-06
                                                                                       1.286E-06
     83
                                                                                       1.452E-06
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.236E-01
                                                                        2.480E-06
                                                                                                      1.962E-07
      84
                             0.000E+00
                                           3 100E-05
                                                          0.000E+00
                                                                                                                                                  2.235E-01
                                                                                                      1.758E-07
2.024E-07
                                                                                                                                   0.000E+00
                                           2.855E-05
                                                                        1.731E-06
                                                                                       1.097E-06
                                                                                                                    0.000E+00
                                                          0.000E+00
      85
              0.000E+00
                             0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2,201E-01
                                                                                                                    0.000E+00
                                                                        2.365E-06
2.453E-06
                                                                                       1.342E-06
1.340E-06
                                           3.241E-05
                                                          0.000E+00
              0.000E+00
0.000E+00
                             0.000E+00
      86
                                                                                                      2.029E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2,102E-01
                             0.000E+00
                                           3 243E-05
                                                          0.000E+00
      87
                                                                                                                                   0.000E+00
                                                                                                                                                  1.949E-01
                                                          0.000E+00
                                                                         3.652E-06
                                                                                       1.728E-06
                                                                                                      2.430E-07
1.843E-07
                                                                                                                    0.000E+00
                                           3.799E-05
                            0.000E+00
0.000E+00
              0.000E+00
                                                                                                                                                  1.775E-01
1.735E-01
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                       1.154E-06
                                           2.966E-05
                                                          0.000E+00
                                                                        2.106E-06
              0.000E+00
      89
                                                                                                                                   0.000E+00
0.000E+00
                                                                                       1.305E-06
                                                                                                      2.081E-07
                                                                                                                    0.000E+00
                                                                        2.406E-06
              0.000E+00
                             0.000E+00
                                           3 346E-05
                                                          0 000E+00
      90
                                                                                                                                                  1.701E-01
                                                                                                                    0.000E+00
                                           4.232E-05
                                                          0 000E+00
                                                                         3.632E-06
                                                                                       1.741E-06
                                                                                                      2.668E-07
                             0.000E+00
              0.000E+00
                                                                                       1.640E-06
                                                                                                      2.653E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.653E-01
                                                                        3.077E-06
2.750E-06
                                            4.270E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
      92
                                                                                       1.650E-06
                                                                                                      2.734E-07
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  1.688E-01
      93
              0.000E+00
                             0.000E+00
                                           4 444E-05
                                                          0.000E+00
                                                                                                                                                  1.731E-01
                                                                                       1.701E-06
                                                                                                      2.837E-07
                                                                                                                    0.000E+00
                                                          0.000E+00
                                           4.640E-05
              0.000E+00
                             0 000E+00
                                                                       1991 MET, PM10
g:\ace\GQ91\GQPACE.OUT
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 125
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                       Output File:
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                      2.884E-07
                                                                                                                                   0.000E+00
                                                                                                                                                  1.835E-01
                                                          0.000E+00
                                                                         2.264E-06
                                                                                       1.729E-06
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                           4.743E-05
                                                                                                      2.969E-07
3.518E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.953E-01
                                                                        2.075E-06
2.588E-06
                                                                                       1.782E-06
2.118E-06
                                            4.907E-05
                                                          0.000E+00
      96
97
                             0.000E+00
              0.000E+00
                                                                                                                                                  2.121E-01
2.343E-01
                                                                                                                     0,000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            5.801E-05
                                                          0,000E+00
              0.000E+00
                                                                                                                                   0.000E+00
                                                                                       2.710E-06
                                                                                                      4.423E-07
                                                                                                                     0.00E+00
                                            7 244E-05
                                                          0.000E+00
                                                                         3.734E-06
      98
              0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.617E-01
                                                                                                      5.594E-07
5.686E-07
                                                                                                                     0.000E+00
                                            9.089E-05
                                                          0.000E+00
                                                                         5.386E-06
                                                                                       3.514E-06
3.704E-06
                             0.000E+00
      99
              0.000E+00
                                                                                                                                                  2.521E-01
2.269E-01
                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                           9.121E-05
                                                          0.000E+00
                                                                         6.576E-06
              0.000E+00
                             0.000E+00
     100
                                                                                                      4.494E-07
3.500E-07
3.481E-07
                                                                         4.406E-06
                                                                                       2.799E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          0.000E+00
              0.000E+00
                             0.000E+00
                                            7.299E-05
     101
                                                                                                                                                  2.066E-01
                                                                                                                                   0.000E+00
                                            5.753E-05
                                                          0.000E+00
                                                                         2.791E-06
                                                                                       2.103E-06
2.102E-06
                                                                                                                     0.000E+00
                             0.000E+00
     102
              0.00000
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.960E-01
                                                                         3 328E-06
              0.000E+00
                             0.000E+00
                                            5.672E-05
                                                          0.000E+00
     103
                                                                                                                                                  1.904E-01
                                                          0.000E+00
                                                                                                      3.231E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         3.321E-06
                                                                                       1.958E-06
     104
              0.000E+00
                             0.000E+00
                                            5.243E-05
                                                                                                      3.016E-07
2.990E-07
                                                          0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.806E-01
                                            4.905E-05
                                                                         2.996E-06
                                                                                       1.818E-06
     105
              0.000E+00
                             0 000E+00
                                                                                                                                                  1.755E-01
1.791E-01
                                                                         3.531E-06
4.075E-06
                                                                                       1.864E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                            4.803E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     106
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                                                                       1.953E-06
                                                                                                      2.967E-07
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            4,699E-05
     107
                                                                                                                                                  2.008E-01
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      5.764E-07
                                            8.887E-05
                                                          0.000E+00
                                                                         1.092E-05
                                                                                       3.701E-06
2.982E-06
              0.000E+00
                             0 000E+00
     108
                                                                                                                                                  1.981E-01
2.009E-01
                                                                                                      4.458E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              0.000E+00
                                            6.958E-05
5.758E-05
                                                          0.000E+00
                                                                         7 221E-06
                             0.000E+00
     109
                                                                                                      3.575E-07
4.167E-07
                                                                                                                                   0.000E+00
                                                                         4.069E-06
                                                                                       2.225E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     110
                                                                                       2.773E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.226E-01
                                            6.618E-05
                                                          0.000E+00
                                                                         5.462E-06
                             0.000E+00
     111
              0.000E+00
                                                                                                      5.362E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.492E-01
2.466E-01
                                                                                       3.631E-06
                                            8.394E-05
9.932E-05
1.785E-04
                                                          0.000E+00
0.000E+00
                                                                         8.308E-06
              0.000E+00
                             0.000E+00
     112
                                                                                        4.208E-06
                                                                                                      6.421E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         1.162E-05
              0.000E+00
                             0.000E+00
                                                                                                                                                  2.748E-01
3.046E-01
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         2.418E-05
1.531E-05
                                                                                       7.065E-06
5.205E-06
                                                                                                      1.165E-06
                             0.000E+00
                                                          0.000E+00
     114
              0.000E+00
                                                                                                      8.173E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              0.000E+00
                             0.000E+00
                                            1.262E-04
                                                          0 000E+00
     115
                                                                                                                                                  2.996E-01
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                            8 318E-05
                                                                         8.644E-06
                                                                                       3.625E-06
                                                                                                      5.336E-07
                                                                                                                     0 000E+00
              0.000E+00
                             0.000E+00
                                                                                                      6.949E-07
                                                                                                                                                  3.258E-01
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                            1.079E-04
                                                                         1.228E-05
2.460E-05
                                                                                       4.447E-06
7.529E-06
                             0.000E+00
                                                          0.000E+00
              0.000E+00
     117
                                                                                                                                                  3.401E-01
3.893E-01
                                                                                                      1.230E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            1.891E-04
                                                          0.000E+00
              0.000E+00
     118
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                                                         6.517E-06
                                                                                       3.612E-06
                                                                                                      5.236E-07
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            8.323E-05
                                                                                                      5.056E-07
5.970E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.454E-01
                                            8.151E-05
                                                                         4.829E-06
                                                                                       3.562E-06
                                                          0.000E+00
                             0.000E+00
     120
              0.000E+00
                                                                                        4.098E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.588E-01
                                                                         6 329E-06
                                            9.590E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     121
                                                          0.000E+00
                                                                                                      6.483E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.123E-01
                                                                         8.872E-06
                                                                                        4.336E-06
               0.000E+00
                             0.000E+00
                                            1.026E-04
     122
                                                                                                                                                  4.370E-01
                                                                                                                                   0.000E+00
                                                                                        6.704E-06
                                                                                                      1.054E-06
9.058E-07
                                                                                                                     0.000E+00
                                            1.646E-04
                                                          0.000E+00
                                                                         1.760E-05
                             0 000E+00
     123
              0.000E+00
                                                                                       5.910E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.885E-01
                                                                         1.201E-05
2.067E-05
                                                          0.000E+00
                             0.000E+00
                                            1.439E-04
     124
              0.000E+00
                                                                                                                                                  5.169E-01
5.468E-01
                                                                                                      1.287E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        8.127E-06
                             0.000E+00
                                            2.019E-04
3.071E-04
                                                          0.000E+00
0.000E+00
               0.000E+00
     125
                                                                                                                                    0.000E+00
                                                                                       1.214E-05
1.336E-05
                                                                                                      1.974E-06
2.212E-06
                                                                                                                     0.000E+00
              0.000E+00
                             0 000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.650E-01
                                            3.409E-04
                             0.000E+00
                                                          0.000E+00
                                                                         4.368E-05
              0.000E+00
     127
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4 019E-01
                                                                         3,236E-05
                                                                                        1.036E-05
                                                                                                      1.673E-06
                                            2.581E-04
1.570E-04
               0.000E+00
                             0.000E+00
                                                          0 000E+00
     128
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.485E-01
                                                                         1.677E-05
                                                                                        6.488E-06
                                                                                                      1.006E-06
                                                          0.000E+00
     129
              0.000E+00
                             0.000E+00
                                                                                                      8.461E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.971E-01
                                            1.332E-04
                                                          0.000E+00
                                                                         1.282E-05
1.274E-05
                                                                                        5.446E-06
                             0.000E+00
               0.000E+00
     130
                                                                                        5.803E-06
                                                                                                      9.217E-07
                                                                                                                     0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                  3.063E-01
               0.000E+00
                             0.000E+00
                                            1.464E-04
                                                          0.000E+00
     131
                                                                                                                                    0.000E+00
                                                                                                                                                  3.388E-01
                                                                         3.510E-05
                                                                                        1.105E-05
                                                                                                      1.855E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
                                            2.876E-04
               0.000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.846E-01
                                                                                                                     0.000E+00
                                                          0.000E+00
                                                                         5.311E-05
5.779E-05
2.174E-05
                                                                                                      2.573E-06
                             0.000E+00
                                            3.954E-04
                                                                                        1.514E-05
               0.000E+00
     133
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        1.644E-05
                                                                                                      2.815E-06
                                                                                                                     0.000E+00
                                                                                                                                                  3.885E-01
               0.000E+00
                             0.000E+00
                                            4.331E-04
                                                          0.000E+00
     134
                                                                                                                                                  3.382E-01
                                                                                        8.204E-06
                                                                                                      1.333E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
               0.000E+00
                             0.000E+00
                                            2.092E-04
                                                                                                                                    0.000E+00
                                                                                                                                                  3.015E-01
                                                                                                      8.426E-07
8.762E-07
                                                                                                                     0.000E+00
                                            1.343E-04
                                                          0.000E+00
                                                                         1.098E-05
                                                                                        5.347E-06
                             0.000E+00
     136
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.116E-01
                                                                                                                     0.000E+00
                                            1.422E-04
                                                                                        5 704E-06
               0.000E+00
                             0.000E+00
                                                          0.000E+00
                                                                         8.217E-06
     137
                                                                                                      8.085E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  3 207E-01
                                                                         6.898E-06
                                                                                        5.401E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
               0.000E+00
                             0.000E+00
                                            1.316E-04
1.553E-04
     138
                                                                                                                                                  3.345E-01
                                                                                                                     0.000E+00
                                                           0.000E+00
                                                                          9.898E-06
                                                                                        6.403E-06
                                                                                                      9.630E-07
     139
               0.000E+00
                             0.000E+00
                                                                                                      8.571E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.302E-01
                                            1.381E-04
                                                           0.000E+00
                                                                         8.903E-06
                                                                                        5.726E-06
               0.000E+00
                             0.000E+00
     140
                                                                          1.232E-05
                                                                                        6.012E-06
                                                                                                      9.375E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.897E-01
                                                           0 000E+00
               0.000E+00
                             0.000E+00
                                            1.493E-04
     141
                                                                                                                                    0.000E+00
                                            1.026E-04
                                                           0.000E+00
                                                                          7.358E-06
                                                                                        4.256E-06
                                                                                                      6.405E-07
4.556E-07
                                                                                                                     0.000E+00
                             0.000E+00
     142
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.293E-01
                                                                                                                     0.000E+00
                                                                                        3.103E-06
               0.000E+00
                             0.000E+00
                                            7.359E-05
                                                           0.000E+00
                                                                          4.423E-06
     143
                                                                                                                                                  2.074E-01
                                                                                                                                   0.000E+00
0.000E+00
                                                                         5.473E-06
3.332E-06
                                                                                        2.990E-06
                                                                                                      4.420E-07
                                                                                                                     0.000E+00
                                                          0.000E+00
               0.000E+00
                             0.000E+00
                                            7.040E-05
     144
                                                                                                                                                  2.108E-01
                                                                                                                     0.000E+00
                                                                                                      3.677E-07
3.370E-07
                                                           0.000E+00
                                                                                        2.382E-06
                                            5.980E-05
     145
               0 000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.075E-01
                                                                                                                     0.000E+00
                             0.000E+00
                                            5.549E-05
                                                           0.000E+00
                                                                         2.530E-06
                                                                                        2.050E-06
               0.000E+00
     146
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
 nput File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                         11/07/95
                                                                                                                                      09:41:42
                                                                                                                                                    Page -
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   2.050E-01
                                                                                                      3.131E-07
                                                                                                                                    0.000E+00
                                                           0.000E+00
                                                                                        1.882E-06
                                                                                                                     0.000E+00
                                            5.175E-05
               0.000E+00
                              0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      2.963E-07
2.581E-07
                                                                                                                     0.000E+00
                                                                                                                                                   1.950E-01
                                                                         2.071E-06
1.818E-06
1.582E-06
                                            4.896E-05
                                                           0.000E+00
                                                                                        1.779E-06
1.549E-06
               0.000E+00
                              0.000E+00
                                                                                                                                                  1.813E-01
1.691E-01
1.744E-01
     148
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            4.263E-05
3.731E-05
     149
               0.000E+00
                              0.000E+00
                                                           0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      2.258E-07
2.371E-07
                                                                                                                     0.000E+00
                                                           0.000E+00
                                                                                        1.353E-06
     150
151
               0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        1 424E-06
                                            3.914E-05
                                                           0.000E+00
                                                                          1.691E-06
                                                                                        1.538E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1 767E-01
                                                                          2.038E-06
```

0.000E+00

4.145E-05

153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 196	0.000E+00	0.000E+00	3.582E-05 3.199E-05 3.202E-05 3.405E-05 3.302E-05 3.305E-05 3.305E-05 2.805E-05 3.348E-05 4.692E-05 3.445E-05 2.71E-05 2.277E-05 2.374E-05 2.456E-05 2.456E-05 2.456E-05 2.456E-05 2.456E-05 2.458E-05 2.458E-05 3.508E-05 4.780E-05 5.187E-05 5.292EE-05 3.508E-05 4.780E-05 5.187E-05 2.345E-05 2.345E-05 2.345E-05 2.345E-05 2.345E-05 2.354E-05	0.000E+00	1.704E-06 1.562E-06 1.464E-06 2.032E-06 2.032E-06 2.255E-06 2.151E-06 1.736E-06 1.736E-06 3.397E-06 4.352E-06 3.397E-06 4.352E-06 2.105E-06 2.105E-06 2.176E-06 2.176E-06 2.176E-06 2.176E-06 2.176E-06 2.176E-06 2.399E-06 3.515E-06 4.353E-06 4.353E-06 2.445E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 3.515E-06 4.36E-06 4.358E-06 4.358E-06 4.358E-06 2.591E-06 2.591E-06 2.455E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06	1.305E-06 1.164E-06 1.058E-06 1.258E-06 1.258E-06 1.333E-06 1.333E-06 1.333E-06 1.237E-06 1.034E-06 1.823E-06 1.823E-06 1.825E-06 1.825E-07 1.084E-06 8.594E-07 8.888E-07 9.490E-07 9.490E-07 9.490E-07 9.490E-07 1.115E-06 1.321E-06 1.703E-06 1.703E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.959E-07 9.323E-07 9.323E-07 9.323E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07	2.177E-07 1.946E-07 1.769E-07 1.979E-07 2.177E-07 2.051E-07 1.954E-07 1.632E-07 1.632E-07 2.078E-07 2.078E-07 2.813E-07 2.10E-07 1.708E-07 1.436E-07 1.436E-07 1.574E-07 1.552E-07 1.574E-07 1.552E-07 1.574E-07 1.552E-07 1.505E-07	0.000E+00 0.000E+00	0.000E+00 0.000E+00	1.652E-01 1.549E-01 1.455E-01 1.415E-01 1.375E-01 1.375E-01 1.360E-01 1.234E-01 1.329E-01 1.543E-01 1.543E-01 1.542E-01 1.572E-01 1.572E-01 1.572E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.375E-01 1.375E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.145E-01 1.359E-01 1.359E-01 1.359E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.371E-02 8.477E-02
197 198 DEN QUE	0.000E+00 0.000E+00 EN MINING - 1	0.000E+00 0.000E+00 SOLEDAD MTN	9.488E-05 9.235E-05 PROJECT - ALI	0.000E+00 0.000E+00 L RECEPTORS,	4.683E-06 5.135E-06 1991 MET, Plg:\ace\GQ91		5.791E-07 5.666E-07 OUTPUT OF A	0.000E+00 0.000E+00 MI/SBCAPCD AC 11/07/95		2.696E-01 2.652E-01 VERS. 93288 * Page - 127
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245	: g:\ace\GQ9' 0.000E+00	0.000E+00	9.064E-05 9.055E-05 8.366E-05 7.801E-05 7.801E-05 7.865E-04 1.135E-04 1.135E-04 1.096E-04 1.082E-04 1.138E-04 9.415E-05 8.495E-05 1.428E-04 1.315E-04 1.315E-04 1.315E-04 1.315E-04 1.315E-04 1.316E-04	0.000E+00	5.843E-06 6.769E-06 6.212E-06 5.879E-06 6.466E-06 7.809E-06 5.977E-06 5.140E-06 5.706E-06 6.291E-06 6.291E-06 6.291E-06 6.291E-06 6.396E-06 7.760E-06 6.396E-06 7.965E-06 8.041E-06 6.07E-06 6.393E-05 1.411E-05 1.59E-05 1.159E-05 1.761E-05 1.761E-05 1.753E-05 1.351E-05	3.564E-06 3.722E-06 3.407E-06 3.168E-06 3.303E-06 5.319E-06 4.854E-06 4.405E-06 4.412E-06 4.281E-06 4.791E-06 3.962E-06 5.424E-06 5.578E-06 6.4410E-06 4.410E-06 4.410E-06 6.191E-06	5.607E-07 5.661E-07 5.661E-07 4.876E-07 4.853E-07 7.902E-07 7.166E-07 6.911E-07 6.711E-07 6.711E-07 6.728E-07 7.484E-07 5.927E-07 5.443E-07 8.805E-07 8.405E-07 8.455E-07 7.763E-07	0.000E+00 0.000E+00	0.000E+00	2.577E-01 2.509E-01 2.476E-01 2.452E-01 3.104E-01 3.104E-01 3.104E-01 2.918E-01 2.881E-01 2.889E-01 2.739E-01 2.629E-01 2.629E-01 3.298E-01 3.298E-01 3.298E-01 3.298E-01 3.103E-01 3.103E-01 3.011E-01 2.919E-01 2.855E-01 2.855E-01 2.824E-01 3.038E-01 3.743E-01 3.490E-01 3.490E-01 3.595E-01 4.95E-01 4.95E-01 4.758E-01 4.758E-01 4.585E-01 4.585E-01 5.127E-01 4.912E-01

```
3.075E-07
3.377E-07
3.784E-07
                                                                                                         4.747E-08
5.310E-08
                                                                                                                                        0,000E+00
                                                                                                                                                       2-146E-02
                                                            0.000E+00
0.000E+00
                                                                                                                         0 000E+00
              0.000E+00
                              0.000E+00
                                             7.253E-06
8.147E-06
                                                                           9.690E-07
    246
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       2.359E-02
2.620E-02
                                                                           1.058E-06
                                                                                                                         0.000E+00
     247
              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                         5.888E-08
5.348E-08
                                             9.037E-06
                                                            0.000E+00
                                                                           1.162E-06
                                                                                                                         0.000E+00
              0.000E+00
    248
                                                                                                                         0.000E+00
                                                                                                                                                       3.136E-02
                                                                                          3 580E-07
              0.000E+00
                              0.000E+00
                                             8.243E-06
                                                            0.000E+00
                                                                           9.861E-07
    249
                                                                           8.349E-07
                                                                                          3.293E-07
                                                                                                          5.098E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.695E-02
                                             7_970E-06
                                                            0.000E+00
              0.000E+00
                              0.000E+00
    250
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                      VERS. 93288
                                                                                                                            11/07/95
                                                                                                                                          09:41:42
                                                                                                                                                        Page -
                                                                                                                                                                  128
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                          5.432E-08
                                                                                                                         0.000E+00
                                             8.558E-06
8.755E-06
                                                                           8.209E-07
7.250E-07
7.304E-07
                              0.000E+00
0.000E+00
               0.000E+00
                                                            0.000E+00
                                                                                          3.474E-07
                                                                                          3.349E-07
3.602E-07
                                                                                                         5.483E-08
5.754E-08
5.641E-08
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       4.651E-02
4.906E-02
                                                            0.000E+00
                                                                                                                         0.000E+00
    252
253
              0.000E+00
0.000E+00
                                                                                                                         0 000E+00
                              0.000E+00
                                             9.199E-06
                                                            0.000E+00
                                                                                                                                                       4.928E-02
                                                                           6.444E-07
6.215E-07
                                                                                          3.434E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            0.000E+00
0.000E+00
     254
              0.000E+00
                              0.000E+00
                                             9.096E-06
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       4.959E-02
5.288E-02
                                             9.172E-06
                                                                                          3.405E-07
                                                                                                          5.669E-08
                                                                                                                         0.000E+00
                              0.000E+00
     255
              0.000E+00
              0.000E+00
                              0.000E+00
                                             9.279E-06
                                                            0.000E+00
                                                                           6.172E-07
                                                                                          3.444E-07
3.400E-07
                                                                                                          5.730E-08
5.675E-08
                                                                                                                         0.000E+00
    2.56
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.472E-02
                                                            0.000E+00
                                                                           5.641E-07
     257
               0.000E+00
                              0.000E+00
                                             9.233E-06
                                                                                                                                                       5.505E-02
5.443E-02
                                             8.917E-06
                                                                           5.221E-07
                                                                                          3.269E-07
                                                                                                          5.469E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            0.000E+00
                              0.000E+00
     258
              0.000E+00
                                                                                                                                        0.000E+00
                                                                                          3.065E-07
2.749E-07
                              0.000E+00
                                             8.344E-06
                                                            0.000E+00
                                                                           4.562E-07
                                                                                                          5.102E-08
                                                                                                                         0.000E+00
     259
              0.000E+00
                                                                                                          4.583E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.197E-02
                                                                           3.909E-07
3.561E-07
                                             7.512E-06
6.810E-06
                                                            0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                                                          2.488E-07
                                                                                                          4.155E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.706E-02
4.237E-02
                              0.000E+00
     261
              0 000E+00
                                                                                                                                        0.000E+00
                                                                           3.291E-07
3.550E-07
                                                                                          2.319E-07
2.350E-07
                                             6.341E-06
                                                            0.000E+00
                                                                                                          3.868E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     262
                                                                                                                                                       3.741E-02
3.544E-02
3.705E-02
                                                                                                                                        0.000E+00
                                                                                                          3.917E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             6.402E-06
                                                            0.000E+00
                                             6.908E-06
7.592E-06
                                                            0.000E+00
                                                                           4.325E-07
                                                                                          2.545E-07
                                                                                                          4.251E-08
                                                                                                                         0.000F+00
                                                                                                                                        0.000E+00
                              0.000E+00
     264
              0 000E+00
                                                                                                                                        0.000E+00
                                                                           5.249E-07
6.780E-07
7.961E-07
                                                                                                          4.697E-08
                                                                                                                         0.000E+00
                                                                                          2.813E-07
               0.000E+00
                              0.000E+00
                                                            0.000E+00
     265
                                                                                                          5.346E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.139E-02
                                                                                          3.227E-07
                                                            0.000E+00
               0.000E+00
                              0 000E+00
                                             8.566E-06
                                                                                          3.553E-07
3.750E-07
3.710E-07
                                             9.295E-06
                                                            0.000E+00
                                                                                                          5.834E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.307E-02
                              0.000E+00
     267
               0 000E+00
                                                                                                          6.103E-08
5.997E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.359E-02
                                                                           8.917E-07
9.099E-07
                              0.000E+00
                                             9.667E-06
                                                            0.000E+00
               0.000E+00
     268
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.364E-02
                                             9.466E-06
               0.000E+00
                              0.000E+00
                                             9.207E-06
                                                                           9.156E-07
                                                                                          3.639E-07
                                                                                                          5.850E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.328E-02
                              0.000E+00
                                                            0.000E+00
               0.000E+00
     270
                                                                                                                                                       4.094E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                             9.126E-06
                                                            0.000E+00
                                                                           9 658E-07
                                                                                          3.649E-07
3.260E-07
                                                                                                          5.831E-08
     271
               0.000E+00
                                                                                                          5.206E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.751E-02
                                                                           8.682E-07
                                                            0.000E+00
               0.000E+00
                              0.000E+00
                                             8.142E-06
                                             6.777E-06
                                                            0.000E+00
                                                                           6.877E-07
                                                                                          2.686E-07
                                                                                                          4.314E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.469E-02
               0.000E+00
                              0.000E+00
     273
                                                                                                                                        0.000E+00
                                                                                                                                                       3.193E-02
                                             5.880E-06
5.709E-06
                                                                                          2.315E-07
2.275E-07
                                                                                                         3.733E-08
3.683E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            5.781E-07
     274
               0.000E+00
                                                                           5.781E-07
6.810E-07
7.467E-07
7.705E-07
7.716E-07
7.824E-07
7.792E-07
                                                                                                                                        0.000E+00
                                                                                                                                                       2.141E-02
2.437E-02
                                                                                                                         0.000E+00
              0.000E+00
0.000E+00
                                                            0 000E+00
                              0.000E+00
                                                                                                          4.088E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                             6.339E-06
                                                            0.000E+00
                                                                                          2.558E-07
                              0.000E+00
     276
                                                                                                                                                       2.698E-02
               0.000E+00
                                                                                          2.719E-07
                                                                                                          4.414E-08
                              0.000E+00
                                             6.883E-06
                                                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                       3.134E-02
3.794E-02
                                                                                          2.850E-07
                                                                                                          4.687E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              0.000E+00
0.000E+00
                              0.000E+00
                                             7.354E-06
     278
                                                                                                          5.000E-08
5.397E-08
                                                                                          3.044E-07
3.285E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                             7.879E-06
     279
                                                                                                                                                       4.397E-02
               0.000E+00
                              0.000E+00
                                             8.562E-06
                                                            0.000E+00
0.000E+00
     280
                                             9.288E-06
                                                                                          3.499E-07
                                                                                                          5.805E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.942E-02
     281
               0 000E+00
                              0 000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.367E-02
                                             9.791E-06
                                                            0.000E+00
                                                                           7.485E-07
                                                                                          3.684E-07
                                                                                                          6.097E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     282
                                                                                          3.682E-07
3.794E-07
                                                                                                          6.115E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.385E-02
                                                                           6.687E-07
6.845E-07
               0.000E+00
                              0.000E+00
                                             9.894E-06
                                                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                          6.317E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.518E-02
5.766E-02
                                             1.023E-05
                              0.000E+00
     284
               0:000E+00
               0.000E+00
                              0.000E+00
                                             1.031E-05
                                                                            6.697E-07
                                                                                          3.814E-07
3.774E-07
3.611E-07
                                                                                                          6.356E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     285
                                                                                                                                                       6.029E-02
                                                                                                          6.309E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             1.028E-05
9.850E-06
                                                            0.000E+00
0.000E+00
                                                                           6.155E-07
5.684E-07
               0.000E+00
                              0.000E+00
                                                                                                                                                       6.061E-02
5.944E-02
5.575E-02
                                                                                                          6.037E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
     287
               0.000E+00
                                                                                                                                        0.000E+00
                                                                                          3.329E-07
2.961E-07
2.714E-07
               0.000E+00
                                                                           4.800E-07
4.151E-07
                                                                                                          5.553E-08
                                                                                                                         0.000E+00
     288
                              0.000E+00
                                             9.096E-06
                                                            0.000E+00
                                                                                                          4.941E-08
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                             8.105E-06
7.432E-06
     289
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            3.834E-07
                                                                                                          4.532E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.026E-02
                                                            0.000E+00
               0.000E+00
                              0.000E+00
     290
                                                                                                                                                       4.405E-02
                                                                                                                                        0.000E+00
                                                                           3.643E 07
4.391E-07
                                                                                          2.600E-07
2.752E-07
                                                                                                          4 330E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                             7.101E-06
                                                            0.000E100
               0.000E+00
     291
                                                                                                          4.594E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.016E-02
                                             7.489E-06
8.192E-06
     292
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                            5.358E-07
                                                                                           3.026E-07
                                                                                                          5.053E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       3.960E-02
                              0.000E+00
               0 000E+00
     293
                                                                            6.574E-07
                                                                                                                                                       4.385E-02
4.703E-02
                                                                                                                                        0.000E+00
                                             8.970E-06
                                                            0.000E+00
                                                                                          3.346E-07
                                                                                                          5.569E-08
5.970E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     294
                                                                                          3.615E-07
3.794E-07
3.774E-07
3.536E-07
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             9.572E-06
                                                            0.000E+00
                                                                            7.488E-07
     295
                                                                                                          6.204E-08
                                                                                                                                                       4.800E-02
                                             9.890E-06
                                                            0.000E+00
                                                                            8.368E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     296
               0.000E+00
                              0 000E+00
                                                                                                                                                       4.822E-02
                                                                                                          6.118E-08
5.710E-08
     297
               0.000E+00
                              0.000E+00
                                             9.711E-06
                                                             0.000E+00
                                                                            8.680E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             9.056E-06
8.407E-06
                                                                            8.165E-07
7.822E-07
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                                           3.297E-07
                                                                                                          5.314E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.519E-02
                              0.000E+00
     299
300
               0 000E+00
                                                                           7.155E-07
6.498E-07
                                                                                          2.966E-07
2.681E-07
                                                                                                          4.780E-08
4.316E-08
                                                                                                                                        0.000E+00
                                                                                                                                                       4.136E-02
               0.000E+00
                              0.000E+00
                                             7.553E-06
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.797E-02
     301
               0.000E+00
                              0.000E+00
                                             6.815E-06
                                                            0.000E+00
                                                            0.000E+00
                                                                            5.664E-07
                                                                                           2.363E-07
                                                                                                          3.810E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.447E-02
                              0.000E+00
                                             6.023E-06
               0.000E+00
     302
                                                                                                        OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                             11/07/95
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                          09:41:42
                                                                                                                                                        Page - 129
                                                                                                          3.391E-08
3.709E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.010E-02
                                             5.364E-06
5.780E-06
6.217E-06
                                                                                          2.097E-07
2.237E-07
                                                            0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                                            5.018E-07
                                                                            6.603E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       2.094E-02
     304
305
               0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                       2.455E-02
2.814E-02
                                                            0.000E+00
                                                                            7.182E-07
                                                                                           2.428E-07
                                                                                                          3.995E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                                           7.627E-07
8.099E-07
                                                                                          2.669E-07
2.934E-07
3.192E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     306
                              0.000E+00
                                             6.888E-06
                                                            0.000E+00
                                                                                                          4.409E-08
               0.000E+00
                                                                                                          4.857E-08
                                                                                                                         0.000E+00
                                                                                                                                                       3.181E-02
                                                            0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
0.000E+00
                                             7.615E-06
8.343E-06
     307
                              0.000E+00
                                                                                                                                                       3.863E-02
4.617E-02
                              0.000E+00
                                                             0.000E+00
                                                                            8.371E-07
                                                                                                          5.295E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     308
                                                                                                                                        0.000E+00
     309
               0.000E+00
                              0.000E+00
                                             9.036E-06
                                                             0.000E+00
                                                                            8.291E-07
                                                                                          3.426E-07
3.771E-07
                                                                                                          5.695E-08
                                                                                                                         0.000E+00
                                                                                                          6.274E-08
                                                                                                                                                       5.261E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             1.003E-05
1.079E-05
                                                            0.000E+00
0.000E+00
                                                                            8.294E-07
     310
                                                                                                                                                       5.886E-02
5.918E-02
                                                                            8.319E-07
                                                                                           4,036E-07
                                                                                                          6.717E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
     311
                                                                                          4.138E-07
4.266E-07
                                                                                                          6.870E-08
7.103E-08
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             1.112E-05
                                                             0.000E+00
                                                                            7.479E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       6.184E-02
                                                                                                                         0.000E+00
                                             1.151E-05
1.159E-05
                                                                            7.609E-07
     313
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                             0.000E+00
                                                                            7,336E-07
                                                                                           4.274E-07
                                                                                                          7.134E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.337E-02
6.700E-02
                              0.000E+00
     314
               0.000E+00
                                             1.157E-05
                                                             0.000E+00
                                                                            6.833E-07
                                                                                           4.244E-07
                                                                                                          7.098E-08
                                                                                                                         0.000E+00
                                                                                                                                        0-000E+00
               0.000E+00
                              0.000E+00
     315
                                                                                                                                                       6.706E-02
                                                            0.000E+00
0.000E+00
                                                                            6.215E-07
5.181E-07
                                                                                           4.018E-07
                                                                                                          6.715E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             1.097E-05
                                                                                                          6.081E-08
                                                                                           3.645E-07
                                                                                                                                         0.000E+00
                                                                                                                                                       6.507E-02
                                             9.968E-06
8.906E-06
                                                                                                                         0.000E+00
     317
               0.000E+00
                              0 000E+00
                                                                                                                                                       6.008E-02
5.325E-02
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            4.530E-07
                                                                                           3.249E-07
                                                                                                          5.427E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
     318
                                                                                                                                         0.000E+00
                                                                                          3.017E-07
3.024E-07
                                                                                                          5.031E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             8.262E-06
                                                            0.000E+00
0.000E+00
                                                                            4.114E-07
4.395E-07
                                                                                                          5.041E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       4.643E-02
     320
               0.000E+00
                              0.000E+00
                                             8.254E-06
                                                                                                                                                       4.422E-02
               0.000E+00
                                             8.952E-06
                                                             0.000E+00
                                                                            5.493E-07
                                                                                           3.295E-07
                                                                                                          5.503E-08
                                                                                                                         0.000E+00
                                                                                                                                        0-000E+00
                              0.000E+00
     321
                                                                                                                                         0.000E+00
                                                                                                                                                       4.628E-02
                                                                            6.724E-07
7.719E-07
                                                                                                                         0.000E+00
                                                                                                          6.021E-08
               0.000E+00
                              0.000E+00
                                             9.732E-06
                                                             0.000E+00
                                                                                           3.610E-07
                                                                                           3.888E-07
                                                                                                          6.440E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       5.133E-02
     323
324
                                             1 036E-05
                                                             0 000E+00
               0.000E+00
                              0 000E+00
                                                             0.000E+00
                                                                            8.406E-07
                                                                                           4.026E-07
                                                                                                          6.605E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       5.303E-02
5.370E-02
               0.000E+00
                              0.000E+00
                                             1.058E-05
                                                                                                                                         0.000E+00
                                                                            8.416E-07
7.997E-07
                                                                                                          6.365E-08
                                                                                                                         0.000E+00
     325
               0.000E+00
                              0.000E+00
                                             1.016E-05
                                                             0.000E+00
                                                                                           3.911E-07
                                                                                           3.675E-07
                                                                                                          5.947E-08
                                                                                                                                         0.000E+00
                                                                                                                                                       5.298E-02
                                             9.476E-06
8.573E-06
                                                                                                                         0.000E+00
     326
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           3.335E-07
                                                             0.000E+00
                                                                            7.380E-07
                                                                                                          5.388E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       5.029E-02
4.596E-02
               0.000E+00
                              0.000E+00
     327
                                                                                                                                         0.000E+00
                                             7.683E-06
6.749E-06
                                                             0.000E+00
0.000E+00
                                                                            6.751E-07
5.861E-07
                                                                                                          4.836E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                                                                           2.993E-07
                                                                                           2.625E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.175E-02
     329
               0.000E+00
                              0.000E+00
                                                                            5.195E-07
4.764E-07
4.263E-07
                                                                                           2.327E-07
               0.000E+00
                              0.000E+00
                                              5.989E-06
                                                             0.000E+00
                                                                                                          3,765E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       3.733E-02
     330
                                                                                                                                                       3.226E-02
2.797E-02
2.001E-02
                                                                                                          3.409E-08
                                                                                                                                         0.000E+00
                                                                                           2.104E-07
1.889E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             5.417E-06
                                                             0.000E+00
                                                                                                          3.070E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                             0.000E+00
                                             4.881E-06
     332
               0.000E+00
                              0.000E+00
                                                                            6.847E-07
     333
                              0.000E+00
                                             5.869E-06
                                                                                           2.292E-07
                                                                                                          3.775E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                             0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
                                             6.595E-06
                                                             0.000E+00
                                                                            7.557E-07
                                                                                           2.569E-07
                                                                                                          4 234E-08
                                                                                                                         0 000E+00
                                                                                                                                                       2.452E-02
               0.000E+00
```

```
8.069E-07
8.599E-07
9.129E-07
9.363E-07
                                                                                                                                                          2.858E-02
                                                                                                           4.567E-08
5.085E-08
                                                                                                                                          0-000E+00
                                             7.118E-06
7.963E-06
8.910E-06
                                                                                           2.779E-07
3.073E-07
                                                                                                                           0 000E+00
                              0.000E+00
                                                             0.000E+00
               0.000E+00
     335
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          3.314E-02
                              0.000E+00
               0.000E+00
                                                             0 000E+00
     336
                                                                                            3.413E-07
                                                                                                           5.664E-08
                                                                                                                           0.000E+00
                                                                                                                                          0 000E+00
                                                                                                                                                          3 908E-02
                                                             0.000E+00
     337
               0.0000+00
                              0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          4.808E-02
                                              9.802E-06
                                                                                           3 735E-07
                                                                                                                           0.000E+00
               0.000E+00
                                                             0 000E+00
                                                                                                           6.197E-08
     338
                                                                                                           6.830E-08
7.447E-08
7.768E-08
                                                                            9.270E-07
                                                                                            4.102E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.611E-02
                                                             0.000E+00
                              0.000E+00
                                             1.090E-05
     339
               0.000E+00
                                                                             9,292E-07
                                                                                            4.464E-07
                                                                                                                           0 000E+00
                                                                                                                                          0-000E±00
                                                                                                                                                          6.472E-02
6.566E-02
                                             1.195E-05
                                                             0.000E+00
     340
               0.000E100
                              0.000E+00
                                                                                                                                          0.000E+00
                                             1.257E-05
                                                             0.000E+00
                                                                            8.474E-07
8.537E-07
                                                                                            4.679E-07
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
     341
                                                                                                                                                          6.969E-02
                                                             0.000E+00
                                                                                            4.837E-07
                                                                                                            8.057E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
               0.000E+00
                              0.000E+00
                                             1.306E-05
     342
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          7.047E-02
7.524E-02
                                                                             8.267E-07
                                                                                            4.900E-07
                                                                                                           8.167E-08
                                                                                                                           0.000E+00
                              0.000E+00
                                              1.327E-05
                                                             0.000E+00
     343
               0.000E+00
                                                                                                           8.062E-08
7.512E-08
                                              1.315E-05
                                                                            7.651E-07
6.760E-07
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                            4.818E-07
     344
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          7.470E-02
                                                                                            4.494E-07
                                             1.228E-05
1.100E-05
     345
               0.000E+00
                              0.000E+00
                                                             0 000E+00
                                                             0.000E+00
                                                                             5.583E-07
                                                                                            4.013E-07
                                                                                                           6.700E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          7 158E-02
     346
               0.000E+00
                              0.000E+00
                                                                                                           6.074E-08
5.751E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          6.516E-02
                                                                                           3.635E-07
3.453E-07
                                              9.974E-06
                                                             0.000E+00
                                                                             4.993E-07
               0.000E+00
                              0.000E+00
     347
                                                                             4.594E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.606E-02
                                             9.454E-06
9.932E-06
               0.000E+00
                              0.000E+00
                                                             0.000E+00
     348
                                                             0.000E+00
                                                                             5.621E-07
7.009E-07
                                                                                            3.642E-07
3.988E-07
                                                                                                            6.082E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.076E-02
                              0.000E+00
     349
               0.000E+00
                                                                                                           6.654E-08
7.126E-08
7.291E-08
                                                                                                                                           0.000E+00
                                                                                                                                                          5.023E-02
                                                                                                                           0.000E+00
                              0.000E+00
                                              1.079E-05
                                                             0.000E+00
               0.000E+00
     350
                                                                                                                                                          5.553E-02
5.887E-02
                                                                                            4.291E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                             8.235E-07
                                              1,149E-05
     351
               0.000E+00
                              0.000E+00
                                                                             8.939E-07
8.864E-07
                                                                                           4.433E-07
4.279E-07
                                                                                                                                          0.000E+00
                              0.000E+00
                                              1.170E-05
                                                             0.000E+00
                                                                                                                           0,000E+00
               0.000E+00
0.000E+00
     352
                                                                                                            6.976E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          6.025E-02
                                             1.117E-05
1.017E-05
                                                             0.000E+00
0.000E+00
     353
                              0.000E+00
                                                                             8.096E-07
                                                                                            3.918E-07
                                                                                                            6.358E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.941E-02
     354
               0.000E+00
                              0.000E+00
                                                                                                                                                        VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                       PM10
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                           Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               11/07/95
                                                                                                                                             09:41:42
                                                                                                                                                           Page -
                                                                                                                                                                     130
Input File: g:\ace\GQ91\GQPACE.DAT
                              0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              9.075E-06
8.031E-06
7.029E-06
                                                                             7.336E-07
                                                                                            3.506E-07
                                                                                                            5.679E-08
               0.000E+00
                                                             0.000E+00
                                                                            6.576E-07
5.738E-07
                                                             0.000E+00
0.000E+00
                                                                                           3.104E-07
2.718E-07
2.388E-07
                                                                                                            5.029E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          5.151E-02
4.618E-02
     356
               0.000E+00
                              0.000E+00
                                                                                                           4.401E-08
3.874E-08
                              0.000E+00
                                                                                                                           0 000E+00
               0.000E+00
     357
                                                                             5.055E-07
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          4.064E-02
                                              6.188E-06
5.542E-06
                                                             0.000E+00
0.000E+00
     358
               0.000E+00
                              0.000E+00
                                                                                                                                                          3.476E-02
3.015E-02
2.722E-02
                                                                             4.580E-07
                                                                                                            3.472E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                            2.135E-07
               0.000E+00
                              0.000E+00
                                                                             4.113E-07
3.790E-07
7.142E-07
                              0.000E+00
                                              4.969E-06
                                                             0.000E+00
                                                                                            1.909E-07
1.732E-07
                                                                                                            3.113E-08
2.832E-08
                                                                                                                           0 000E+00
                                                                                                                                           0.000E+00
               0.000E+00
     360
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              4.517E-06
6.019E-06
               0.000E+00
                              0.000E+00
                                                             0.000E+00
     361
                                                             0.000E+00
                                                                                            2.381E-07
                                                                                                            3.880E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.104E-02
               0.000E+00
                              0 000E+00
                                                                                                                                                          2.366E-02
                                              6.752E-06
7.577E-06
8.290E-06
                                                                             7.843E-07
8.678E-07
                                                                                            2.649E-07
2.969E-07
                                                                                                                                           0.000E+00
                                                             0.000E+00
                                                                                                            4.342E-08
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
     363
                                                                                                            4.867E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.882E-02
     364
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          3.408E-02
4.031E-02
                                                             0.000E+00
                                                                             9.106E-07
                                                                                            3.211E-07
                                                                                                            5.303E-08
                                                                                                                                           0-000E+00
     365
               0.000E+00
                              0.000E+00
                                                                                                                                           0.000E+00
                                              9.410E-06
                                                                                                            5.997E-08
                              0.000E+00
                                                             0.000E+00
                                                                             9.920E-07
                                                                                            3.623E-07
               0.000E+00
     366
                                                             0.000E+00
0.000E+00
                                                                             1.045E-06
                                                                                            4.049E-07
                                                                                                            6.734E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          4.967E-02
                                              1.063E-05
1.195E-05
               0.000E+00
                              0.000E+00
     367
                                                                                                                                                          5.998E-02
7.113E-02
7.356E-02
7.878E-02
7.937E-02
                                                                                            4.518E-07
4.952E-07
5.326E-07
                                                                                                            7.508E-08
8.266E-08
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                             1.055E-06
     368
               0.000E+00
                              0.000E+00
                                              1.326E-05
                                                             0.000E+00
0.000E+00
                                                                             1.037E-06
9.755E-07
               0.000E+00
                              0.000E+00
     369
                                                                                                            8.845E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
     370
               0.000E+00
                              0.000E+00
                                              1.430E-05
                                                                                            5.532E-07
5.631E-07
5.498E-07
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                              1.496E-05
                                                             0.000E+00
                                                                             9.674E-07
                                                                                                            9.220E-08
                              0.000E+00
     371
               0.000E+00
                                                                                                            9.401E-08
                                                             0.000E+00
0.000E+00
                               0.000E+00
                                              1.531E-05
                                                                             9.236E-07
     372
               0.000E+00
                                                                             8.568E-07
                                                                                                            9.212E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.527E-02
8.381E-02
                                              1.504E-05
1.384E-05
     373
               0.000E+00
                              0 000E+00
                                                             0.000E+00
                                                                             7.375E-07
                                                                                            5.056E-07
                                                                                                            8.454E-08
7.549E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
               0.000E+00
     374
                                                                                                                                                          7.939E-02
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             6.113E-07
5.460E-07
                                                                                            4.518E-07
4.143E-07
                                              1.240E-05
               0.000E+00
                               0.000E+00
     375
                                                                                                            6.914E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          7.060E-02
                                              1.137E-05
1.133E-05
     376
               0.000E+00
                              0.000E+00
                                                                                                                                                          6.029E-02
5.735E-02
                                                                             5.729E-07
7.263E-07
                                                                                                            6.906E-08
7.457E-08
                              0.000E+00
                                                             0.000E+00
                                                                                            4.141E-07
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               0.000E+00
     377
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                            4.464E-07
4.798E-07
               0.000E+00
                               0.000E+00
                                              1.215E-05
                                                             0.000E+00
     378
                                                                             8.808E-07
                                                                                                            7.989E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          6.001E-02
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              1.292E-05
                                                                                                            0.190E 08
7.874E-08
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          6.565E-02
6.802E-02
                                              1.319E-05
                                                              0.000E+00
                                                                             9.727E-07
                                                                                            4.973E 07
                                                                                                                                           0.000E+00
     380
               0.0008±00
                              0-000E+00
                                                                                            4.826E-07
                                                                                                                                           0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             9.745E-07
                                              1.263E-05
               0.000E+00
                               0.000E+00
     381
                                                                                                                                                          6.735E-02
6.394E-02
5.823E-02
                                                                             8.847E-07
                                                                                            4.390E-07
                                                                                                            7.121E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              1.141E-05
               0.000E+00
                              0 000E+00
     382
                                                                                                                                           0.000E+00
0.000E+00
                              0.000E+00
                                              1.002E-05
                                                              0.000E+00
                                                                             7.821E-07
                                                                                            3.861E-07
                                                                                                            6.258E-08
5.423E-08
                                                                                                                           0.000E+00
     383
               0.000E+00
                                                                                            3.344E-07
                                                                                                                           0.000E+00
                               0.000E+00
                                              8.687E~06
7.488E-06
6.555E-06
                                                             0.000E+00
                                                                             6.785E-07
5.812E-07
               0.000E+00
     384
                                                                                            2.881E-07
2.516E-07
2.215E-07
                                                             0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          5.142E-02
4.453E-02
                                                                                                            4.673E-08
                                                                                                                           0.000E+00
     385
               0.000E+00
                               0 000E+00
                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                             5.122E-07
                                                                                                            4.092E-08
               0.000E+00
                               0.000E+00
     386
                                                                                                            3.612E-08
                                                                                                                                           0.000E+00
                                                                                                                                                          3.772E-02
                                                                                                                           0.000E+00
                                                                             4.570E-07
4.102E-07
     387
               0.000E+00
                               0.000E+00
                                              5.784E-06
                                                             0.000E+00
                                                                                                                                                          3.272E-02
2.958E-02
2.752E-02
                                                                                            1.963E-07
                                                                                                            3.211E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                             0.000E+00
                                              5.139E-06
     388
               0.000E+00
                               0 000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            1.764E-07
1.584E-07
                                                                                                            2.897E-08
2.609E-08
                                              4.632E-06
                                                              0.000E+00
                                                                             3.762E-07
                                                                                                                           0.000E+00
                               0.000E+00
     389
               0.000E+00
                                                                                                                           0.000E+00
                                                                             3.430E-07
7.595E-07
                               0.000E+00
                                              4.169E-06
                                                             0.000E+00
               0.000E+00
     390
                                                             0.000E+00
                                                                                            2.528E-07
2.745E-07
                                                                                                            4.045E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.252E-02
               0.000E+00
                               0.000E+00
                                              6.255E-06
                                              6.932E-06
7.843E-06
                                                              0.000E+00
                                                                             8.166E-07
                                                                                                            4.466E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.435E-02
2.845E-02
                               0.000E+00
     392
               0.000E+00
                                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                             9.002E-07
1.006E-06
                                                                                            3.077E-07
3.491E-07
                                                                                                            5.039E-08
5.692E-08
                                                                                                                           0 000E+00
               0.000E+00
                               0.000E+00
     393
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          3.437E-02
                                              8.866E-06
9.990E-06
1.143E-05
                0.000E+00
                               0.000E+00
                                                             0.000E+00
                                                                                                            6.373E-08
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          4.177E-02
5.120E-02
                                                              0.000E+00
                                                                             1.065E-06
                                                                                            3.860E-07
                                                                                                                           0.000E+00
     395
               0.000E+00
                               0.000E+00
                                                                             1.160E-06
1.199E-06
                                                                                            4.379E-07
4.938E-07
                                                              0.000E+00
                                                                                                            7.261E-08
                                                                                                                           0.000E+00
               0.000E+00
                               0.000E+00
     396
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          6.389E-02
7.789E-02
                                                                                                            8.222E-08
               0.000E+00
                               0.000E+00
                                              1.304E-05
                                                              0.000E+00
                                              1.490E-05
                                                              0.000E+00
                                                                             1.193E-06
                                                                                            5.584E-07
                                                                                                            9.300E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                               0 000E+00
     398
               0.000E+00
                                                                             1.146E-06
1.112E-06
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.350E-02
                                              1.644E-05
                                                              0.000E+00
                                                                                            6.118E-07
                                                                                                            1.018E-07
               0.000E+00
                               0.000E+00
     399
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.976E-02
                                                                                            6.428E-07
                                                                                                            1.072E-07
                                              1.740E-05
1.798E-05
                0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             1.056E-06
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          9.092E-02
9.766E-02
                                                              0.000E+00
                                                                                            6.606E-07
                                                                                                            1.103E-07
                                                                                                                           0.000E+00
     401
               0.000E+00
                               0.000E+00
                                              1.750E-05
                                                                             9.758E-07
8.204E-07
6.963E-07
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                            6.390E-07
                                                                                                            1.071E-07
                                                                                                                           0.000E+00
                                                                                            5.791E-07
                                                                                                            9.680E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          9.477E-02
               0.000E+00
                               0.000E+00
                                              1.587E-05
                                                             0.000E+00
0.000E+00
     403
                                                                                            5.251E-07
                                                                                                            8.774E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.871E-02
                                              1.443E-05
     404
               0.000E+00
                               0.000E+00
                                                                             6.218E-07
7.610E-07
                                              1.352E-05
                                                              0.000E+00
                                                                                            4.927E-07
                                                                                                            8.209E-08
                                                                                                                           0.000E+00
                                                                                                                                           0 000E+00
                                                                                                                                                          7.567E-02
               0 000E+00
                               0.000E+00
     405
                                                                                                            8.549E-08
                                                                                                                           0.000E+00
                                                                                                                                           0 000E+00
                                                                                                                                                          6.729E-02
                                              1.399E-05
                                                              0.000E+00
                                                                                            5.117E-07
                0.000E+00
                               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                               11/07/95
Input File: g:\ace\GQ91\GQPACE.DAT
                                                           Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                             09:41:42
                                                                                                                                                           Page -
                                                                                                                                                          6.698E-02
7.307E-02
                                                              0.000E+00
                                                                             9.526E-07
                                                                                             5.482E-07
                                                                                                            9.144E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              1.484E-05
                0.000E+00
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                              1.521E-05
1.449E-05
1.297E-05
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             1.083E-06
                                                                                            5.708E-07
5.518E-07
                                                                                                            9.432E-08
9.017E-08
     408
                                                                                                                                                          7.742E-02
7.735E-02
7.324E-02
                                                                             1.085E-06
                                                              0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
     409
                                                                             9.716E-07
                                                                                            4.974E-07
                                                                                                            8.074E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
     410
               0.000E+00
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                             8.499E-07
7.207E-07
                                                                                            4.325E-07
3.679E-07
                                                                                                            7.014E-08
5.968E-08
                                                              0.000E+00
                0.000E+00
                               0.000E+00
                                              1.126E-05
     411
                                                                                                                           0.000E+00
                                                                                                                                                          6.647E-02
                                              9.582E-06
8.178E-06
                                                              0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
                                                                             6.130E-07
5.329E-07
4.703E-07
                                                                                            3.137E-07
                                                                                                            5.092E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          5.767E-02
                               0.000E+00
     413
               0.000E+00
                                                                                                                                                          4.914E-02
                                                                                            2.693E-07
2.334E-07
                                                                                                                           0.000E+00
                                              7.042E-06
                                                              0.000E+00
                                                                                                            4.386E-08
                0.000E+00
                               0.000E+00
     414
                                                                                                            3.812E-08
                                                                                                                                           0.000E+00
                                                                                                                                                          4.124E-02
                                              6.115E-06
5.399E-06
                                                                                                                           0.000E+00
                0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                             2.054E-07
                                                                             4.227E-07
                                                                                                            3.369E-08
                                                                                                                           0.000E+00
                                                                                                                                                          3.582E-02
     416
                                                              0.000E+00
                0.000E+00
                               0.000E+00
                                                                                                                                                          3.258E-02
                                                                                                                           0.000E+00
                0.000E+00
                               0.000E+00
                                              4.804E-06
                                                              0.000E+00
                                                                             3.818E-07
                                                                                            1.821E-07
                                                                                                            3.000E-08
     417
                                                                                                            2.643E-08
                                                                                                                                                          3.064E-02
                                                                             3.355E-07
                                                                                             1.602E-07
                                                                                                                            0.000E+00
     418
                0.000E+00
                               0.000E+00
                                              4.234E-06
                                                              0.000E+00
                                                                                                                                                          2.915E-02
2.228E-02
2.588E-02
                                                                                             1.400E-07
                                                                                                                                           0.000E+00
0.000E+00
                                              3.702E-06
                                                              0.000E+00
                                                                             2.896E-07
                                                                                                            2.309E-08
                                                                                                                            0.000E+00
     419
420
                0.000E+00
                               0.000E+00
                                              6.505E-06
                                                                                            2.603E-07
2.960E-07
                                                                                                            4.215E-08
4.702E-08
                0.000E+00
                                                              0.000E+00
                                                                             8 105E-07
                                                                                                                           0 000E+00
                                                                             8.858E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                0.000E+00
                               0.000E+00
                                              7.263E-06
                                                              0.000E+00
      421
                                                                             9.661E-07
                                                                                             3.270E-07
                                                                                                            5.290E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.899E-02
3.479E-02
                                              8.209E-06
                                                              0.000E+00
                               0.000E+00
     422
                0.000E+00
```

3 650E-07

5.969E-08

0-000E+00

0 000E+00

1.056E-06

9.299E-06

0.000E+00

0.000E+00

```
6.763E-08
7.806E-08
9.004E-08
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  4.245E-02
5.346E-02
                                                                                       4.131E-07
                                                                                                                     0.000E+00
                            0.000E+00
                                                          0.000E+00
                                                                         1.163E-06
                                           1.057E-05
1.227E-05
              0.000E+00
                                                                         1.264E-06
1.361E-06
                                                                                       4.714E-07
5.395E-07
                                                          0.000E+00
                                                                                                                     0.000E+00
                            0.000E+00
    425
              0.000E+00
                                                                                                                                                  6.745E-02
8.455E-02
                                                                                                                     0.000E+00
                            0.000E+00
                                           1.425E-05
                                                          0.000E+00
              0.000E+00
    426
                                                                                        6.290E-07
                                           1.677E-05
                                                                         1.392E-06
                                                                                                      1.049E-07
                                                                                                                     0.000E+00
                                                                                                                                    0-000E+00
                                                          0 000E+00
              0.000E+00
                            0 000E+00
                                                                                       7.090E-07
7.651E-07
7.932E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   9.567E-02
                                                                                                      1.183E-07
1.277E-0/
                                            1.908E-05
                                                          0.000E+00
                                                                         1.376E-06
                                                                                                                     0.000E+00
                            0.000E+00
    428
              0_000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.036E-01
                                           2.075E-05
                                                          0 000E+00
                                                                         1 3028-06
              0.000E+00
    429
                                                                                                                                                   1.063E-01
                                                                                                      1.325E-07
                                                                                                                     0 000E+00
                                                                                                                                    0 000E+00
                                                          0.000E+00
                                                                         1.236E-06
              0.000E+00
                            0.000E+00
                                           2.163E-05
    430
                                                                                                                                    0.000E+00
                                                                                                                                                   1.130E-01
                                                                                                      1.264E-07
                                                                                                                     0.000E+00
                            0.000E+00
                                                          0.000E+00
                                                                         1.125E-06
                                                                                        7.541E-07
    431
              0 000E+00
                                                                                                      1.144E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.078E-01
                                                                                        6.848E-07
                                                                         9.316E-07
7.970E-07
                                            1.880E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
    432
                                                                                        6.269E-07
                                                                                                      1.046E-07
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.884E-02
                                                          0.000E+00
                                           1.723E-05
              0.000E+00
                            0.000E+00
                                                                                                                                                   8.295E-02
                                                                                                                                    0.000E+00
                                                                         8.177E-07
1.034E-06
                                                                                                      1.022E-07
                                                          0.000E+00
                                                                                        6.128E-07
                            0.000E+00
    434
              0.000E+00
                                                                                                      1.076E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   7.856E-02
                                            1.754E-05
1.779E-05
                                                                                        6.443E-07
              0.000E+00
                            0.000E+00
                                                          0.000E+00
    435
                                                                                                                                                   8.170E-02
                                                                                                                                    0.000E+00
                                                                         1.201E-06
                                                                                        6.629E-07
                                                                                                      1.099E-07
                                                                                                                     0.000E+00
                                                          0.000E+00
              0.000E+00
                            0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   8.896E-02
                                                                                                      1.056E-07
                                                                                       6.454E-07
5.768E-07
                                                          0.000E+00
0.000E+00
                                                                         1.243E-06
1.099E-06
                            0.000E+00
                                            1.700E-05
              0.000E+00
    437
                                                                                                                                                  9.016E-02
8.518E-02
                                                                                                       9.366E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
              0.000E+00
                            0.000E+00
                                            1.507E-05
1.290E-05
    438
                                                                                                                                    0.000E+00
                                                          0.000E+00
                                                                         9.493E-07
                                                                                        4.946E-07
                                                                                                      8 022E-08
                                                                                                                     0.000E+00
                            0 000E+00
    439
              0.000E+00
                                                                                       4.102E-07
3.440E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   7.680E-02
                                                                                                      6.660E-08
                                                                                                                     0.000E+00
                                                                         7.728E-07
6.508E-07
                                            1.072E-05
                                                          0.000E+00
                            0.000E+00
              0.000E+00
    440
                                                                                                                                                   6.530E-02
5.469E-02
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                       5.596E-08
                                                                                                                     0.000E+00
                                            9.009E-06
7.593E-06
6.500E-06
                                                          0.000E+00
              0.000E+00
                             0.000E+00
    441
                                                          0,000E+00
                                                                         5.594E-07
                                                                                        2.894E-07
                                                                                                       4.721E-08
                                                                                                                     0.000E+00
                            0.000E+00
              0.000E+00
                                                                                       2.469E-07
2.157E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   4.547E-02
                                                                                                       4 045E-08
                                                                                                                     0.000E+00
                                                          0.000E+00
                                                                         4 883E-07
                             0.000E+00
              0 000E+00
    443
                                                                                                       3.550E-08
                                                                                                                                    0.000E+00
                                                                                                                                                   3.973E-02
                                                                                                                     0.000E+00
                                                                         4.370E-07
                                            5.698E-06
                                                          0.000E+00
              0.000E+00
                             0.000E+00
    444
                                                                                                                                                   3.649E-02
                                                                         3.811E-07
                                                                                        1.873E-07
                                                                                                       3.090E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                           4.961E-06
4.280E-06
                                                          0.000E+00
              0.000E+00
                             0.00000
                                                                                                                                                   3.424E-02
3.140E-02
2.723E-02
                                                                                                                                    0.000E+00
                                                                         3.224E-07
2.768E-07
2.418E-07
                                                                                                                     0.000E+00
                                                                                       1.614E-07
1.397E-07
                                                                                                      2.663E-08
2.303E-08
                                                          0,000E+00
                             0.000E+00
    446
              0.000E+00
                                            3.703E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     447
                                                                                                                                    0.000E+00
                                            3.247E-06
                                                          0.000E+00
                                                                                        1.227E-07
                                                                                                       2.020E-08
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   2.149E-02
                                            6.534E-06
7.491E-06
8.479E-06
                                                          0.000E+00
                                                                         8.422E-07
9.431E-07
                                                                                        2.639E-07
                                                                                                       4.249E-08
                             0.000E+00
              0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        3.010E-07
                                                                                                       4.859E-08
                                                                                                                     0.000E+00
                                                                                                                                                   2.583E-02
              0.000E+00
                             0.000E+00
                                                          0 000E+00
     450
                                                                                                                                                   3.030E-02
                                                          0.000E+00
                                                                         1.037E-06
                                                                                        3.467E-07
                                                                                                       5.491E-08
                                                                                                                     0.000E+00
                             0.000E+00
              0.000E+00
                                                                                                       6.273E-08
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                   3.563E-02
                                            9.746E-06
                                                          0.000E+00
                                                                         1.134E-06
1.281E-06
                                                                                        3.870E-07
                             0.000E+00
              0.000E+00
     452
                                                                                                                                                   4.332E-02
                                                                                                       7.281E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        4.471E-07
                             0.000E+00
                                            1.135E-05
1.309E-05
                                                          0.000E+00
               0.000E+00
     453
                                                                                                                                    0.000E+00
                                                                                                                                                   5.475E-02
                                                          0.000E+00
                                                                         1.384E-06
                                                                                        5.065E-07
                                                                                                       8 345E-08
                                                                                                                     0 000E+00
                             0.000E+00
     454
               0 000E+00
                                                                                                       9.860E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   7 140E-02
                                                                                        5.928E-07
                             0.000E+00
                                            1.557E-05
                                                          0.000E+00
                                                                         1.526E-06
              0.000E+00
     455
                                                                                                                                                   9.080E~02
1.093E-01
                                                                                        7.119E-07
                                                                                                       1.190E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                         1,634E-06
                                            1.898E-05
2.257E-05
                                                          0.000E+00
               0.000E+00
                             0.000E+00
     456
                                                          0.000E+00
                                                                         1.680E-06
                                                                                        8 386E-07
                                                                                                       1.402E-07
                                                                                                                     0.000E+00
                             0.000E+00
     457
              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.207E-01
                                                                                                       1.551E-07
                                                                                        9.277E-07
                             0.000E+00
                                            2.525E-05
                                                          0.000E+00
                                                                         1 536E-06
              0.000E+00
     458
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                    PM10
                                                                                                                         11/07/95
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                      09:41:42
                                                                                                                                                    Page -
                                                                                                                                                             132
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                       1.641E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   1.267E-01
                                                                         1.480E-06
                                                                                                                     0.000E+00
                                            2.683E-05
                                                                                        9.817E-07
                             0.000E+00
                                                           0.000E+00
              0 000E+00
                                                                                                      1.538E-07
1.413E-07
                                                                                        9.188E-07
8.455E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.323E-01
                                            2.522E-05
2.327E-05
                                                          0.000E+00
0.000E+00
                                                                         1.317E-06
1.074E-06
                             0.000E+00
     460
              0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   1.246E-01
                                                                                                                     0.000E+00
               0.000E+00
                             0.000E+00
     461
                                                                                                                                                   1.099E-01
                                                           0.000E+00
                                                                         9.443E-07
                                                                                        7.824E-07
                                                                                                       1.304E-07
                                                                                                                     0.000E+00
                             0.000E+00
                                            2.152E-05
     462
              0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.545E-02
                                                                                        7.823E-07
7.929E-07
                                                                                                       1.307E-07
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            2.143E-05
                                                          0.000E+00
                                                                         1.125E-06
     463
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   9.473E-02
                                                                         1.351E-06
                                                                                                       1.320E-07
                                            2.145E-05
2.036E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     464
                                                                                                                                                   1.024E-01
                                                                                                       1.262E-07
1.109E-07
                                                           0.000E+00
                                                                         1.428E-06
                                                                                        7.681E-07
                                                                                                                     0.000E+00
                             0.000E+00
     465
               0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.067E-01
1.010E-01
                                                                                        6.831E-07
                                                                         1.274E-06
                                            1.787E-05
1.505E-05
               0.000E+00
                             0.000E+00
                                                          0.000E+00
     466
                                                                                                                                    0.000E+00
                                                           0.000E+00
                                                                         1.075E-06
                                                                                        5.758E-07
                                                                                                       9.345E-08
                                                                                                                     0.000E+00
     467
               0.000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.010E 02
                                                                                                                     0 000E+00
                                            1.229E-05
                                                           0.000E+00
                                                                         8.571E-0/
                                                                                        4.693E-07
                                                                                                       7.620E-08
                             0.000E+00
     468
               n.000E+00
                                                                                                                                                   7.494E-02
6.147E-02
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                             0.000E100
                                                                         7.128E-07
5.967E-07
                                                                                        3.837E-07
                                                                                                       6.247E-08
                                                          0.000E+00
0.000E+00
                                            1.007E-05
               0.000E+00
     469
                                                                                                                                    0.000E+00
                                            8.276E-06
                                                                                        3.145E-07
                                                                                                       5.139E-08
                                                                                                                      0.000E+00
               0.000E+00
                             0 000E+00
     470
                                                                                                                                    0.000E+00
                                                                                                                                                   5.078E-02
                                                                                                                      0.000E+00
                                                                                        2.653E-07
2.258E-07
                                                                                                       4.362E-08
              0.000E+00
                             0.000E+00
                                            7.017E-06
                                                           0.000E+00
                                                                          5.176E-07
     471
472
                                                                                                                                                   4.487E-02
4.124E-02
3.756E-02
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       3.726E-08
                                                                         4.451E-07
3.692E-07
                             0.000E+00
                                            5.994E-06
                                                          0.000E+00
0.000E+00
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                        1.916E-07
                                                                                                       3.163E-08
                                                                                                                      0.000E+00
               0.000E+00
                             0.000E+00
                                            5.095E-06
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       2.698E-08
                                            4.350E-06
                             0.000E+00
                                                           0.000E+00
                                                                         3.106E-07
                                                                                        1.637E-07
     474
              0.000E+00
                                                                         2.664E-07
2.349E-07
                                                                                        1.418E-07
                                                                                                       2.336E-08
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   3.248E-02
               0.000E+00
                             0.000E+00
                                            3.769E-06
                                                           0.000E+00
                                                                                                                                                   2.690E-02
2.243E-02
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        1.261E-07
                                                                                                       2.076E-08
                                                                                                                     0.000E+00
0.000E+00
                                            3.351E-06
                                                           0.000E+00
               0.000E+00
                             0.000E+00
                                                                                        1.149E-07
2.794E-07
                                                                                                       1.892E-08
                                            3.054E-06
                                                           0.000E+00
                                                                         2.131E-07
              0.000E+00
                             0,000E+00
                                                                                                                                                   2.253E-02
2.552E-02
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         8.848E-07
                                                                                                       4.378E-08
               0.000E+00
                             0.000E+00
                                            6.705E-06
     478
                                                                                                                                    0 000E+00
                                                                          9.865E-07
                                                                                        3.129E-07
                                                                                                       4 973E-08
                                                                                                                      0.000E+00
                                            7.641E-06
               0.000E+00
                             0 000E+00
                                                                                                                                                   3.068E-02
                                                                                                                                    0.000E+00
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                       5.668E-08
6.549E-08
                             0.000E+00
                                            8.739E-06
                                                                          1.098E-06
                                                                                        3.515E-07
               0.000E+00
0.000E+00
     480
                                                                                                                                     0.000E+00
                                                                                                                                                   3.631E-02
                                                                                        4.148E-07
                                                                                                                      0.000E+00
                             0.000E+00
                                            1.011E-05
                                                           0.000E+00
                                                                          1.240E-06
     481
                                                                                                                                                   4.484E-02
5.541E-02
7.476E-02
                                                                          1.367E-06
                                                                                                       7.633E-08
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                           0,000E+00
                                                                                        4.710E-07
               0.000E+00
                             0.000E+00
                                            1.187E-05
                                                                                                                      0.000E+00
                             0.000E+00
                                            1.409E-05
                                                           0.000E+00
                                                                          1.545E-06
                                                                                        5.520E-07
                                                                                                       9 018E-08
     483
               0.000E+00
                                            1.715E-05
                                                                                                       1.088E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        6.577E-07
               0.000E+00
                              0.000E+00
                                                           0.000E+00
                                                                          1.712E-06
     484
                                                                          1.916E-06
                                                                                        8.022E-07
                                                                                                       1.339E-07
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.862E-02
                                                           0.000E+00
                                            2.128E-05
2.754E-05
               0.000E+00
                             0 000E+00
     485
                                                                                                                                     0.000E+00
                                                                                                                                                   1.248E-01
                                                           0.000E+00
                                                                          2.120E-06
                                                                                        1.038E-06
                                                                                                       1.716E-07
                                                                                                                      0.000E+00
                             0.000E+00
     486
               0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.572E-01
                                                                                                       1.987E-07
                                                                                                                      0.000E+00
                                                                                        1.189E-06
                             0.000E+00
                                            3.269E-05
                                                           0.000E+00
                                                                          1.575E-06
               0.000E+00
     487
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                          1.300E-06
                                                                                                                                                   1.457E-01
1.255E-01
                                                                                                                      0.000E+00
                                                                                        1.089E-06
                                                                                                       1.819E-07
                             0.000E+00
                                            3.003E-05
                                                           0.000E+00
               0.000E+00
     488
                                            2.799E-05
2.743E-05
                                                           0.000E+00
                                                                          1.307E-06
                                                                                        1.018E-06
                                                                                                       1.700E-07
                                                                                                                      0.000E+00
               0.000E+00
                             0 000E+00
                                                                                                       1.681E-07
1.551E-07
                                                                                                                      0.000E+00
                                                                                                                                                   1.161E-01
                                                                          1.579E-06
1.670E-06
                                                                                        1.006E-06
9.394E-07
                             0.000E+00
                                                           0.000E+00
     490
               0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.198E-01
     491
               0.000E+00
                             0.000E+00
                                            2.510E-05
                                                           0 000E+00
                                                                          1.493E-06
1.239E-06
                                                           0.000E+00
                                                                                        8.219E-07
                                                                                                       1.338E-07
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   1.284E-01
                                            2.160E-05
1.798E-05
               0.000E+00
                             0.000E+00
                                                                                                                                                   1.224E-01
                                                                                                       1.114E-07
8.850E-08
                                                                                                                      0.000E+00
                                                           0.000E+00
                                                                                         6.855E-07
                             0.000E+00
     493
               0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.076E-01
                                                                                        5.447E-07
4.282E-07
                                                           0.000E+00
0.000E+00
                                                                          9.664E-07
7.758E-07
               0.000E+00
                              0.000E+00
                                            1.430E-05
     494
                                                                                                       6.983E-08
                                                                                                                                                   8.742E-02
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            1.127E-05
9.186E-06
               0.000E+00
                             0.000E+00
                                                                                                                                                   7.008E-02
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                           0.000E+00
                                                                          6.454E-07
                                                                                        3.474E-07
                                                                                                       5.695E-08
4.723E-08
                              0.000E+00
     496
               0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   5.793E-02
                                                                                        2.866E-07
                                                                          5.444E-07
4.403E-07
                              0.000E+00
                                            7.614E-06
                                                           0.000E+00
               0.000E+00
     497
                                                                                                                                                   5.143E-02
                                                                                         2.379E-07
                                                                                                       3.923E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            6.334E-06
5.280E-06
                                                           0.000E+00
               0.000E+00
                              0.00E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4.608E-02
                                                                                                                      0.000E+00
                                                           0.000E+00
                                                                          3.566E-07
                                                                                         1.979E-07
                                                                                                       3.265E-08
                              0.000E+00
     499
               0 000E+00
                                                                                                       2.786E-08
2.456E-08
                                                                                                                                     0.000E+00
                                                                                                                                                   3.960E-02
3.239E-02
                                                                                                                      0.000E+00
                                                                                         1.690E-07
               0.000E+00
                              0.000E+00
                                            4.510E-06
                                                           0.000E+00
                                                                          3.006E-07
     500
                                                           0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                            3.975E-06
3.596E-06
                                                                                         1.490E-07
                                                                                                                      0.000E+00
                                                                          2.643E-07
               0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                   2.653E-02
                                                                                        1.347E-07
1.237E-07
                                                                                                                      0.000E+00
                                                                          2.373E-07
                                                                                                       2.220E-08
     502
               0 000E+00
                                                                                                       2.043E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.272E-02
                                                                          2.163E-07
                              0.000E+00
                                            3.310E-06
                                                           0.000E+00
               0.000E+00
     503
                                                                                                                                                   2.030E-02
                                                           0.000E+00
                                                                          2.016E-07
                                                                                         1.152E-07
                                                                                                        1.904E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            3.085E-06
6.583E-06
7.662E-06
               0.000E+00
                              0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.131E-02
                                                                                                       4.287E-08
                                                           0.000E+00
                                                                          8.557E-07
                                                                                         2.691E-07
                                                                                                                      0.000E+00
                              0.000E+00
     505
               0 :000E+00
                                                                                                       5,001E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.626E-02
                                                                                        3.197E-07
3.711E-07
                              0.000E+00
                                                           0.000E+00
0.000E+00
                                                                          1.006E-06
               0.000E+00
     506
                                                                                                                                                   3.084E-02
                                                                                                        5.832E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                          1.155E-06
                                            8.954E-06
               0.000E+00
                              0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   3.752E-02
                                                           0.000E+00
                                                                          1.283E-06
                                                                                         4.171E-07
                                                                                                       6.723E-08
                                                                                                                      0.000E+00
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                            1.038E-05
     508
                                                                                                                                                    4.517E-02
                                                                                                       8.016E-08
9.498E-08
                                                                                                                      0.000E+00
                                            1.239E-05
                                                           0.000E+00
                                                                          1.498E-06
                                                                                         5.061E-07
     509
                                                                                         5.834E-07
                                                                                                                                     0.000E+00
                                                                                                                                                    5 822E-02
                                                                                                                      0.000E+00
                                                                          1 661E-06
                              0.000E+00
                                            1.481E-05
                                                           0 000E+00
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
  LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **
hput File: g:\ace\GQ91\GQPACE.OUT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                          11/07/95
                                                                                                                                       09:41:42
                                                                                                                                                    Page - 133
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                     0.000E+00
                                                                                                                                                   7.582E-02
                                                                                                                      0.000E+00
                                                                                         7 204E-07
                                                                                                       1.182E-07
               0.000E+00
                              0.000E+00
                                            1.857E-05
                                                           0.000E+00
                                                                          1.925E-06
     511
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.080E-01
                                                                                         8.868E-07
                                                                                                       1.484E-07
               0.000E+00
                              0.000E+00
                                            2 359E-05
                                                           0.000E+00
                                                                          2 116E-06
```

4.121E-07 2.453E-07 2.329E-07 2.078E-07 7.758E-06 1.706E-06 2 627E-06 0.000E+00 0.000E+00 1.444E-01 0.000E+00 0.000E+00 6.360E-05 4.054E-05 0.000E+00 0.000E+00 0.000E+00 1.710E-01 1.507E-01 1.472E-06 0.000E+00 0.000E+00 514 515 0.000E+00 2.031E-06 2.175E-06 3.815E-05 0.000E+00 1.394E-06 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.471E-01 0.000E+00 1.260E-06 0.000E+00 3 368E-05 n none+on 2.742E-05 0.000E+00 1,825E-06 1.039E-06 1.695E-07 0.000E+00 0.000E+00 517 518 0.000E+00 0.000E+00 1.521E-01 2,205E 05 0.000E+00 1.449E-06 8.357E-07 6.399E-07 1.363E-07 0.000E+00 0.000E+00 0.000E+00 0.000E100 1.043E-07 0.000E+00 0.000E+00 1.092E-06 0.000E+00 519 0.000E+00 0.000E+00 1.690E-05 0.000E+00 0.000E+00 0.000E+00 1.302E-05 8.535E-07 4.916E-07 8.040E-08 0.000E+00 0.000E+00 1.040E-01 520 6.396E-08 5.110E-08 0.000E+00 6.997E-07 5.464E-07 3.887E-07 0.000E+00 0.000E+00 1.034E-05 0.000E+00 8.160E-02 521 0.000E+00 0.000E+00 6.760E-02 3.099E-07 0.000E+00 8.274E-06 0.000E+00 0.000E+00 0.000E+00 2.517E-07 2.105E-07 6.731E-06 0.000E+00 4.305E-07 4.150E-08 0.000E+00 0.000E+00 5.882E-02 0.000E+00 O DDOE+00 523 0.000E+00 3.557E-07 3 469E-08 0.000E+00 4.976E-02 524 0.000E+00 0.000E+00 5.630E-06 0.000E+0D 2.991E-08 2.676E-08 4.006E-02 4.855E-06 0.000E+00 3.064E-07 1.812E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.343E-06 0.000E+00 2.748E-07 1.620E-07 0.000E+00 0.000E+00 3.214E-02 526 527 0.000E+00 0.000E+00 2.435E-08 2.242E-08 2.714E-02 0.000E+00 0.000E+00 3.952E-06 0.000E+00 2.509E-07 2.335E-07 1.471E-07 1.352E-07 0.000E+00 0.000E+00 0.000E+00 2.403E-02 0.000E+00 0.000E+00 0.000E+00 3.637E-06 0.000E+00 528 3.374E-06 0.000E+00 2.190E-07 1.252E-07 2.081E-08 0.000E+00 0.000E+00 2.183E-02 0.000E+00 529 0.000E+00 3.151E-06 2.064E-07 7.788E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.168E-07 1.944E-08 0.000E+00 2.013E-02 530 1.732E-02 2.299E-02 2.456E-07 2.944E-07 3.581E-07 0.000E+00 0.000E+00 3.910E-08 0.000E+00 0.000E+00 6.005E-06 7.199E-06 531 0.000E+00 0 000E+00 .378E-07 4.689E-08 0.000E+00 0.000E+00 0.000E+00 532 0.000E+00 3.040E-02 5.612E-08 0.000E+00 0.000E+00 0.000E+00 8.599E-06 0.000E+00 1.129E-06 533 0.000E+00 1.318E-06 1.502E-06 6.664E-08 7.950E-08 9.769E-08 3.786E-02 4.748E-02 5.976E-02 0.000E+00 4,252E-07 0.000E+00 0.000E+0D 1.023E-05 0.000E+00 0 000E+00 1.229E-05 1.515E-05 4.938E-07 6.075E-07 7.432E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 535 0.000E+00 0.000E+00 536 0.000E+00 0.000E+00 1.789E-06 1.918E-05 7.050E-05 8.118E-02 2.377E-01 2.124E-01 1.224E-07 0.000E+00 0.000E+00 0.000E+00 2.042E-06 537 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.182E-06 3.504E-06 2.654E-06 2.357E-06 4.285E-07 3.885E-07 0.000E+00 0.000E+00 0.000E+00 538 0.000E+00 0.000E+00 6.347E-05 5.480E-05 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3,899E-06 2.118E-06 3.404E-07 0.000E+00 0.000E+00 1.949E-01 0.000E+00 540 0.000E+00 1.946E-01 3.044E-05 0.000E+00 2.185E-06 1.263E-06 1.208E-06 7.854E-07 1.894E-07 1.284E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 541 0.000E+00 0.000E+00 1.654E-01 2.087E-05 0.000E+00 0 000E+00 0.000E+00 1.548E-05 0.000E+00 9.659E-07 5.804E-07 9.532E-08 0.000E+00 0.000E+00 1.269E-01 0.000E+00 0.000E+00 543 9.772E-02 0.000E+00 0.000E+00 0.000E+00 1.155E-05 0.000E+00 7.172E-07 4.312E-07 7.112E-08 0.000E+00 544 5.547E-08 7.951E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.456E-07 3.364E-07 0.000E+00 0.D00E+00 9.023E-06 7.302E-06 4.407E-07 2.719E-07 2.290E-07 1.999E-07 4.488E-08 3.785E-08 3.310E-08 0.000E+00 0.000E+00 6.545E-02 5.156E-02 4.027E-02 546 547 O DODE+DD 0.000E+00 0.000E+00 6.152E-06 0.000E+00 3.789E-07 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.353E-07 0.000E+00 0.000E+00 5.377E-06 3.333E-02 2.919E-02 2.634E-02 4.808E-06 0.000E+00 3.049E-07 1.784E-07 2.962E-08 2.689E-08 0.000E+00 0.000E+00 0 .000E+00 549 0.000E+00 4.363E-06 2.802E-07 2.596E-07 0.000E+00 0.000E+00 0.000E+00 1.617E-07 0 DOOE+DO 0.000E+00 550 1.483E-07 1.370E-07 0.000E+00 2.469E-08 0.000E+00 0.000E+00 0.000E+00 4.005E-06 0.000E+00 0.000E+00 2.425E-07 2.285E-08 0.000E+00 0.000E+00 2.412E-02 3.704E-06 552 0.000E+00 0 .000E+00 2.288E-07 2.178E-07 7.249E-07 2.127E-08 1.988E-08 2.224E-02 2.062E-02 3.445E-06 0.000E+00 1.274E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 553 1.191E-07 0.000E+00 0.000E+00 3.216E-06 5.244E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.316E-07 3.452E-08 0.000E+00 0.000E+00 1.896E-02 2.041E-02 0.000E+00 555 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.290E-06 7.708E-06 0.000E+00 8.353E-07 2.669E-07 4.114E-08 0.000E+00 556 2.538E-02 3.504E-02 4.705E-02 3,203E-07 5.026E-08 1,005E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.799E-07 4.677E-07 0.000E+00 1,188E-06 6,022E-08 0.000E+00 0.000E+00 0.000E+00 9.256E-06 0.000E+00 558 0.000E+00 7.387E-08 9.309E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.446E-06 1.734E-06 0.000E+00 1.136E-05 5.790E-07 0.000E+00 0.000E+00 6.259E-02 1.441E-05 560 0.000E+00 0.0002+00 2.653E-05 0.000E+00 2.635E-D6 1.014E-06 1.602E-07 0.000E+00 0.000E+00 1.243E-01 0.000E+00 0.00DE+00 561 0.000E+00 1.969E-01 2.830E-07 0.000E+00 0.000E+00 0.000E+00 4.534E-05 0.000E+00 3.604E-06 1.709E-06 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -ALL RECEPTORS, 1991 MET, PM10 OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Output File: g:\ace\GQ91\GQPACE.OUT Input File: g:\ace\GQ91\GQPACE.DAT 11/07/95 09:41:42 Page -134 8.138E-07 9.713E-07 8.552E-07 0.000E+00 3.104E-01 5 410E-06 0.000E+0D 0.000E+00 0.000E+00 2.869E-01 2.687E-01 0.000E+00 1.503E-05 1.607E-05 0.000E+00 1.522E-04 1.320E-04 0.000E+00 0.000E+00 6.079E-06 5.455E-06 0.000E+00 0.000E+00 564 0.000E+00 0.000E+00 565 0.000E+00 0.000E+00 1.211E-06 7.400E-07 5.102E-07 2.176E-01 1.609E-01 1.190E-01 0.000E+00 0.000E+00 2.033E-06 1.884E-07 0.000E+00 0.000E+00 0.000E+00 3.038E-05 566 1.942E-05 1.357E-05 0.000E+00 0.000E+00 1.202E-06 8.130E-07 1.197E-07 8.345E-08 0.000E+00 0.000E+00 0.000E+00 0,000E+00 567 0.000E+00 0.000E+00 0.000E+00 0 000E+00 568 9.206E-02 6.993E-02 5.292E-02 0.000E+00 0.000E+00 1.014E-05 0.000E+00 5.927E-07 3.765E-07 6.225E-08 0.000E+00 0.000E+00 569 0.000E+00 570 0.000E+00 0.000E+00 8.202E-06 0.000E+00 4.892E-07 3.036E~07 5.0378-08 0.000E+00 0.000E+00 4.293E-08 2.581E-07 0.000E+00 0.000E+00 4.243E-07 0.000E+00 0.000E+00 6.986E-06 3.768E-07 2.269E-07 3.778E-08 0.000E+00 0.000E+00 4.271E-02 6.145E-06 0.000E+0D 0.000E+00 572 0.000E+00 3.369E-08 3.042E-08 0.000E+00 0.000E+00 5.478E-06 0.000E+00 3.375E-07 2.020E-07 0.000E+00 0.000E+00 3.682E-02 573 0.000E+00 0.000E+00 3.280E-02 4.943E-06 4.479E-06 0.000E+00 0.000E+00 3.103E-07 2.875E-07 0.000E+00 0.000E+00 1.824E-07 2.965E-02 2.723E-02 2.549E-02 2.760E-08 0.000E+00 0.000E+00 1.654E-07 575 0.000E+00 0.000E+00 4.060E-06 0.000E+00 2.655E-07 1.500E-07 2 504E-08 0.000E+00 0.000E+00 576 0.000E+00 0,000E+00 3.675E-06 3.327E-06 0.000E+00 0.000E+00 2.438E-07 2.237E-07 1.359E-07 1.232E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.269E-08 2.433E-02 2.352E-02 2.343E-02 2.055E-08 0.000E+00 0.000E+00 578 0.000E+00 0 000E+00 1.865E-08 2.885E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.016E-06 0.000E+00 2.058E-07 1.119E-07 0.000E+00 579 1.959E-07 580 0.000E+00 0.000E+00 4.365E-06 5.135E-06 0.000E+00 6.204E-07 7.477E-07 0.000E+00 2.671E-02 2.852E-02 3.171E-02 2.401E-07 3.411E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0 000E+00 581 0.000E+00 0.000E+00 0.000E+00 6.087E-06 0.000E+00 8.660E-07 2.796E-07 4.029E-08 0.000E+00 0.000E+00 582 1.001E-06 1.249E-06 0.000E+00 583 0.000E+00 0.000E+00 7.497E-06 0.000E+00 3 236E-07 4.912E-08 4.046E-07 6,351E-08 0.000E+00 4.177E-02 0.000E+00 0.000E+00 0.000E+00 0 000E+00 9.758E-06 584 1.281E-05 0.000E+00 5.242E-07 B.316E-08 0.000E+00 0.000E+00 0.000E+00 6.001E-02 1.322E-01 0.000E+00 1.608E-06 0.000E+00 585 2.753E-06 3.790E-06 0.000E+00 0.000E+00 2.580E-05 0.000E+00 1,018E-06 1.648E-07 0.000E+00 586 0.000E+00 1.739E-06 5.331E-06 0.000E+00 0.000E+00 2,266E-01 0.000E+00 0.000E+00 4.576E-05 1.275E-04 2.865E-07 587 0.000E+00 1.365E-05 2.507E-06 8.697E-07 0.000E+00 8.177E-07 0.000E+00 0.000E+00 3.775E-01 0.000E+00 588 2.143E-01 0.000E+00 1,933E-07 1.389E-06 5.896E-07 0.000E+00 0.000E+00 0.000E+00 3.055E-05 0.000E+00 589 9.757E-08 0.000E+00 1.453E-01 0.000E+00 0.000E+00 590 0.000E+00 0.000E+00 1.595E-05 1.197E-05 6.766E-07 5.580E-07 1,029E-01 7,451E-02 5,790E-02 0.000E+00 0.000E+00 0.000E+00 4.405E-07 7.330E-08 0:000E+00 0.000E+00 591 3.566E-07 2.997E-07 2.565E-07 0.000E+00 0.000E+00 0.000E+00 9.705E-06 0.000E+00 5.948E-08 0.000E+00 592 4.801E-07 5.004E-08 0.000E+00 0.000E+00 593 8.157E-06 6.977E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.249E-07 4.287E-08 0.000E+00 0.000E+00 4.895E-02 594 0.000E+00 0.000E+006.021E-06 0.000E+00 3.777E-07 2.217E-07 3.705E-08 0.000E+00 0.000E+00 4,305E-02 3,899E-02 0.000E+00 0.000E+00 595 0.000E+00 0.000E+00 596 3.216E-08 0.000E+00 0.000E+00 5,219E-06 0.000E+00 3.343E-07 1.926E-07 2,962E-07 0.000E+00 3.622E-02 0.000E+00 1.681E-07 2.805E-08 0.000E+00 597 0.000E+00 0.000E+00 4.549E-06 2.639E-07 2.354E-07 2.123E-07 2.467E-08 2.188E-08 0.000E+00 0.000E+00 3.416E-02 3.233E-02 0.000E+00 0.000E+00 3.998E-06 0.000E+00 1.480E-07 598 0.000E+00 3.543E-06 3.179E-06 599 0.000E+00 0.000E+00 0.000E+00 1.312E-07 3.037E-02 2.819E-02 2.590E-02 0.000E+00 1.179E-07 1.963E-08 0.000E+00 0.000E+00 600 0.000E+0D 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.872E-06 1.911E-07 1.065E-07 1.7730 00 0.000E+00 0.000E+00 601 1.745E-07 4.769E-07 5.602E-07 0.000E+00 0.000E+00 2,625E-06 3,745E-06 9.749E-08 1.530E-07 1.621E-08 602 0.000E+00 0.000E+00 0.000E+00 1.317E-02 1.917E-02 0.000E+00 2.434E-08 0.000E+00 0.000E+00 603 0.000E+00 0.000E+00 4.359E-06 0.000E+00 1.798E-07 2.837E-08 $0.000E \pm 00$ 0.000E+00 0.000E+00 0.000E+00 604 0.000E+00 2.759E-02 5.266E-06 0.000E+00 6.881E-07 2 204E-07 3 436E-08 0.000E+00 0.000E+00

```
8.527E-07
1.096E-06
1.437E-06
1.916E-06
                                                                                                         4.197E-08
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+0D
                                             6.414E-06
7.963E-06
1.044E-05
                                                           0.000E+00
                                                                                          2.735E-07
              0.000E+00
                             0.000E+00
     606
                                                                                                                                                       4.603E-02
5.801E-02
                                                                                          3.522E-07
                                                                                                         5.240E-08
6.863E-08
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                             0.000E+00
    607
              0_000E+00
                                                                                                                                        0.000E+00
    608
                             0.000E+00
                                                            0.000E+00
                                                                                          4.527E-07
6.287E-07
                                                                                                         9.831E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       8.349E-02
                                             1.512E-05
                                                            0.000E+00
              0.000E+00
                             0.000E+00
     609
                                                                           2.255E-06
                                             3.950E-05
                                                            0.000E+00
                                                                                          1.631E-06
                                                                                                         2.437E-07
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       3.030E-01
              0.000E100
                             0.000E+00
    610
                                                                                                         1.260E-07
8.724E-08
                                                                                                                                        0.000E+00
                                                                                                                                                       1.786E-01
                                                                                                                         0.000E+00
              0.000E+00
                             0.000E+00
                                             2.059E-05
                                                            0.000E100
                                                                           1.138E-06
8.249E-07
                                                                                          7.629E-07
5.214E-07
     611
                                             1.423E-05
                                                                                                                                        0.000E+00
                                                                                                                                                       1.177E-01
                                                            0.000E+00
                                                                                                                         0.000E+00
     612
              0.000E+00
                             0.000E+00
                                             1,091E-05
                                                            0.000E+00
                                                                           6.590E-07
                                                                                          3,997E-07
                                                                                                         6.698E-08
                                                                                                                        0.000E+00
                                                                                                                                        0.000000
                                                                                                                                                       8 662E-02
              0.000E+00
                             0.000E+00
     613
                                                                                                                                        0.000E+00
                                                                                                                                                       7.211E-02
                                                                                                                        0.000E+00
              0.000E+00
                             0.000E+00
                                             8.675E-06
                                                            0.000E+00
                                                                           5.388E-07
                                                                                          3.186E-07
                                                                                                         5.335E-08
    614
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                                                                                                     VERS. 93288 *
                                                                         1991 MET
                                                                                      PM10
                                                                                                        OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                         Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                            11/07/95
                                                                                                                                          09:41:42
                                                                                                                                                                  135
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                        Page -
                                                                                                         4.354E-08
3.661E-08
3.143E-08
                                                                                                                                                       6.334E-02
5.687E-02
5.124E-02
                                             7.078E-06
5.949E-06
5.108E-06
                                                                                          2.601E-07
2.191E-07
1.882E-07
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                            0.000E+00
              0.000E+00
    615
616
                                                                                                                        0.000E+00
0.000E+00
                                                                           3.735E-07
3.189E-07
                                                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
              0.000E+00
                             0.000E+00
              0.000E+00
                             0.000E+00
                                                                           2.789E-07
2.486E-07
                                                                                                         2.758E-08
2.463E-08
2.230E-08
                                                                                                                                        0.000E+00
                                                                                                                                                       4.579E-02
                              0.000E+00
                                             4.483E-06
                                                            0.000E+00
                                                                                          1.654E-07
                                                                                                                         0.000E+00
              0.000E+00
     618
                                                                                                                                                      4.031E-02
3.505E-02
3.032E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.00DE+00
                                             4.004E-06
3.624E-06
                                                            0.000E+00
                                                                                          1.477E-07
     619
               0.000E+00
                              0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                          1.338E-07
                                                                                                                         0.000E+00
                              0.000E+00
     620
              0.000E+00
                                                                                                         2.040E-08
                                                                                                                         0.000E+00
              0.000E+00
                              0.000E+00
                                             3.316E-06
                                                            0.000E+00
                                                                           2.065E-07
                                                                                          1.224E-07
     621
                                                                                                                                        0.000E+00
                                                                                                                                                       2.621E-02
                                                            0.000E+00
0.000E+00
                                                                           1 905E-07
                                                                                          1 128E-07
                                                                                                         1,880E-08
                                                                                                                         0.000E+00
                                             3.055E-06
2.840E-06
     622
               0.000E+00
                              0.000E+00
                                                                                                                                                       2.271E-02
1.977E-02
                                                                                          1.049E-07
                                                                                                         1.748E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           1.782E-07
     623
              0.000E+00
                              0.000E+00
                                                                                                         1,674E-08
2,182E-08
                                                                                                                                        0.000E+00
                                             2.712E-06
                                                            0.000E+00
                                                                           1.782E-07
                                                                                          1.011E-07
                                                                                                                         0.000E+00
                              0.000E+00
     624
               0.000E+00
                                                                                          1.477E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.083E-02
               0.000E+00
                              0_000E+00
                                             3.321E-06
                                                            0.000E+00
                                                                           4.486E-07
                                                                                                         2.419E-08
2.715E-08
3.174E-08
                                             3.682E-06
                                                            0.000E+00
                                                                           4.936E-07
                                                                                          1.648E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.230E-02
1.477E-02
              0.000E+00
0.000E+00
                              0.000E+00
     626
                              0.000E+00
                                             4.144E-06
                                                            0.000E+00
                                                                           5.440E-07
                                                                                          1.835E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     627
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.966E-02
                                                                                          2,098E-07
                                                            0.000E+00
                                                                           6.202E-07
               0.000E+00
                              0.000E+00
                                             4.867E-06
     628
                              0.000E+00
                                             6.077E-06
                                                            0.000E+00
                                                                           7,608E-07
                                                                                          2.552E-07
                                                                                                         3.950E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.019E-02
               0.000E+00
     629
                                                                                          3.351E-07
                                                                                                                                                       4.885E-02
7.890E-02
                                             8.188E-06
                                                                                                         5.310E-08
7.679E-08
                                                                                                                                        0.000E+00
                                                            0.000E+00
                                                                           1,018E-06
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     630
                                                                                          4.797E-07
7.975E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           1,464E-06
                                             1.185E-05
1.959E-05
                                                            0.000E+00
     631
               0.000E+00
                              0.000E+00
                                                                                                                                                       1.388E-01
2.442E-01
                                                            0.000E+00
                                                                           2.401E-06
                                                                                                          1.269E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
     632
               0.000E+00
                                                                           1.244E-06
8.477E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             2.609E-05
                                                            0.000E+00
                                                                                          9.596E-07
                                                                                                          1.587E-07
     633
                                                                                                          9.793E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.603E-01
                                             1.604E-05
1.184E-05
                                                            0.000E+00
0.000E+00
                                                                                          5.877E-07
               0.000E+00
                              0.000E+00
                                                                                          4,333E-07
3.405E-07
2.793E-07
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                                                           6.617E-07
                                                                                                          7.243E-08
                                                                                                                         0.000E+00
                                                                                                                                                       1.219E-01
     635
               0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                       9.600E-02
               0.000E+00
                              0.000E+00
                                             9.297E-06
                                                            0.000E+00
0.000E+00
                                                                           5.440E-07
4.586E-07
                                                                                                          5.701E-08
     636
                                             7.623E-06
                                                                                                          4.680E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       7.653E-02
     637
               0.000E+00
                              0 000E+00
                                                                                          2.375E-07
2.057E-07
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       6.114E-02
4.912E-02
                                             6.482E-06
                                                            0.000E+00
                                                                           3.949E-07
                                                                                                          3.983E-08
                                                                                                                         0.000E+00
                              0.000E+00
               0.000E+00
     638
                                                                           3.475E-07
3.105E-07
                                                                                                          3.450E-08
                                                                                                                         0.000E+00
                                             5.611E-06
4.916E-06
                              0.000E+00
                                                            0.000E+00
     639
               0.000E+00
                                                            0.000E+00
                                                                                           1.805E-07
                                                                                                          3.026E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4,006E-02
               0 000E+00
                              0.000E+00
     640
                                                                           2.803E-07
2.561E-07
2.351E-07
                                             4,363E-06
                                                            0.000E+00
                                                                                          1.603E-07
                                                                                                         2.688E-08
2.418E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.00DE+00
                                                                                                                                                       3 333E-02
                              0.000E+00
               0.000E+00
     641
                                                                                                                                                       2.836E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             3.921E-06
3.551E-06
                                                                                          1.443E-07
                              0.000E+00
                                                            0.000E+00
     642
               0.000E+00
                                                                                                                                                       2.473E-02
2.206E-02
                                                            0.000E+00
                                                                                           1.308E-07
                                                                                                          2.192E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     643
               0.000E+00
                              0.000E+00
                                             3.242E-06
2.978E-06
                                                            0.000E+00
                                                                           2.173E-07
2.013E-07
                                                                                          1.196E-07
1.098E-07
                                                                                                         2.002E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
     644
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       2.005E-02
                                                                                                          1.840E-08
     645
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.846E-02
                                             2.759E-06
                                                            0.000E+00
                                                                           1.886E-07
                                                                                           1.019E-07
                                                                                                          1.706E-08
     646
               0.000E+00
                              0.000E+00
                                                                                                                                                       1.717E-02
1.349E-02
1.572E 02
                                                                                                         1,585E-08
1,792E-08
                                                                                                                         0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.762E-07
                                                                                           9,467E-08
                                                                                                                                        0.000E+00
     647
                                                                                          1.225E-07
1.383E-07
                                                                                                                                        0.000E+00
               0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           3.614E-07
3.978E-07
                              0.000E+00
                                             2.731E-06
                                             3.06 LE-06
                                                                                                          2.006E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
     649
                                             3.484E-06
                                                            0.000E+00
                                                                           4,420E-07
                                                                                           1.580E-07
                                                                                                         2.279E-08
2.642E-08
                                                                                                                         0.000E+00
                                                                                                                                        n noor+on
                                                                                                                                                       1.859E-02
                              0.000E+00
               0.000E100
     650
                                                                                                                                                       2.241E-02
2.769E-02
3.559E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           4.998E-07
5.900E-07
7.171E-07
     651
               0.000E+00
                              0.000E+00
                                             4.056E-06
                                                            0.000E+00
                                                                                           1. BDAE-07
                                                                                          2.133E-07
2.544E-07
3.254E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                             4.924E-06
                                                            0.000E+00
                                                                                                          3.194E-08
     652
               0.000E+00
                              0.000E+00
                                                                                                         3.967E-08
               0.000E+00
                              0.000E+00
                                             6.147E-06
                                                            0.000E+00
     653
                                                                                                                                        0.000E+00
                                                                                                                                                       4.993E-02
                                                                                                          5.281E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             8.219E-06
1.261E-05
                                                            0.000E+00
                                                                           9.396E-07
1.368E-06
                                                                                           4.850E-07
                                                                                                          8.053E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       9.043E-02
     655
                              0.000E+00
               0.000E+00
                                                                           3.549E-06
1.716E-06
                                                                                          2.052E-06
1.278E-06
                                                                                                         3.308E-07
2.116E-07
                                                                                                                                                       1.288E+00
               0.000E+00
                              0.000E+00
                                             5,348E-05
                                                            0.000E+00
                                                                                                                         0.000E+00
     656
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.790E-01
                                             3 474E-05
     657
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.009E-06
7.222E-07
                                                                                                                                                       2.182E-01
1.436E-01
                                             2.069E-05
                                                            0.000E+00
                                                                                           7.568E-07
                                                                                                          1.259E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
               0.000E+00
                                                                                                                                        0.000E+00
                                                                                                          8.359E-08
               0.000E+00
                              0.000E+00
                                             1.369E-05
                                                            0.000E+00
                                                                                           5.014E-07
                                                                                                                         0.000E+00
     659
                                                                                                                                                       1.031E-01
7.999E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             1.006E-05
                                                            0.000E+00
                                                                           5.825E-07
                                                                                           3.689E-07
                                                                                                          6.164E-08
     660
                                             7.907E-06
6.504E-06
                                                            0.000E+00
                                                                                           2.904E-07
                                                                                                          4.861E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           4,874E-07
               0.000E+00
                              0.000E+00
     661
                                                                                                                                                       6.560E-02
5.560E-02
                                                                           4.145E-07
                                                                                           2.388E-07
                                                                                                          4.005E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                            0.000E+00
               0.000E+00
     662
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
                                              5.544E-06
                                                            0.000E+00
                                                                           3.632E-07
                                                                                           2.037E-07
                                                                                                          3,419E-08
                              0.000E+00
     663
                                                                                                         3.148E-08
2.703E-08
                                                                           3.733E-07
3.123E-07
                                                                                           1.914E-07
                                                                                                                                        0.000E+00
                                                                                                                                                       4.814E-02
                                                                                                                         0.000E+00
                                                            0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
0.000E+00
                                             5.066E-06
                                             4,358E-06
                                                                                           1.628E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.228E-02
     665
               0.000E+00
                                                                                                                                                       3.755E-02
                                                                                                                                        0.DD0E+00
                                             3,765E-06
                                                            0.000E+00
                                                                           2.570E-07
                                                                                           1.389E-07
                                                                                                          2.327E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     666
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                      PM10
                                                                                                                                                        Page -
                                                          Output File: g:\ace\GQ91\GQFACE.OUT
                                                                                                                                                                  136
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.366E-02
                                             3.388E-06
                                                             0.000E+00
                                                                           2.333E-07
                                                                                           1.250E-07
                                                                                                          2.095E-08
               0.000E+00
                              0.000E+00
                                                                                                                                                       3.044E-02
2.774E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                                                           1.134E-07
1.037E-07
9.572E-08
                                                                                                          1.900E-08
1.737E-08
               0.000E+00
                                             3.070E-06
                                                             0.000E+00
                                                                           2.144E-07
1.984E-07
     668
                                             2.805E-06
2.586E-06
2.401E-06
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     669
               0.00DE+00
                              0.000E+00
                                                            0.000E+00
                                                                                                                                                       2.543E-02
2.344E-02
                                                                           1.848E-07
                                                                                                          1.603E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            0.000E+00
                              0,000E+00
     670
               0.000E+00
                                                                                                          1.489E-08
1.390E-08
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.730E-07
                                                                                           8.893E-08
                                                                                                                         0.000E+00
     671
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       2.169E-02
                                             2.240E-06
2.443E-06
                                                                           1.627E-07
3.077E-07
                                                                                           8.302E-08
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           1,068E-07
                                                                                                          1.593E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.002E-02
                                                             0.000E+00
     673
               0.000E+00
                              0.000E+00
                                                                                                                                                       1 156E-02
               0.000E+00
                              0.000E+00
                                              2.731E-06
                                                             0.000E+00
                                                                           3.431E-07
                                                                                           1.224E-07
                                                                                                          1.783E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
     674
                                                                                                                                                       1,373E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           3.823E-07
                                                                                           1.411E-07
1.611E-07
                                                                                                          2.031E-08
2.377E-08
                              0.000E+00
                                             3.116E-06
                                                                                                                                                       1.660E-02
2.053E-02
                                                                            4.272E-07
                                                                                                                         0.000E+00
                                                                                                                                        0,000E+00
     676
               0.000E+00
                              0.000E+00
                                             3,671E-06
                                              4.425E-06
                                                                                                          2.847E-08
                                                                                                                                        0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            4.958E-07
                                                                                           1.835E-07
                                                                                                                         0.000E+00
               0.000E+00
     677
                                                                                                                                                       2.559E-02
3.575E-02
5.977E-02
                                                                                                          3.596E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             5.584E-06
7.522E-06
                                                             0.000E+00
                                                                           6.523E-07
                                                                                           2.225E-07
                                                             0.000E+00
                                                                            8.644E-07
                                                                                           3.049E-07
                                                                                                          4.843E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
               0.000E+00
                                              1.028E-05
                                                             0.000E+00
                                                                            1.113E-06
                                                                                           4.032E-07
                                                                                                          6.571E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
     680
                                                                                                                                        0.000E+00
                                                                                                                                                       1,215E-01
                                                                           2.014E-06
4.592E-06
4.749E-06
                                                                                           7.487E-07
1.386E-06
                                                                                                          1.254E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.975E-05
                                                             0.000E+00
     681
                                                                                                                                         0.000E+00
                                                                                                                                                       6.849E-01
                              0.000E+00
0.000E+00
                                             3.654E-05
3.842E-05
                                                             0.000E+00
                                                                                                          2,362E-07
                                                                                                                         0.000E+00
               0.000E+00
                                                                                           1.481E-06
1.431E-06
                                                             0.000E+00
                                                                                                          2.482E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       1.164E+00
               0.000E+00
     683
                                                                                                                                                       1.225E+00
2.521E-01
1.507E-01
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                          2.365E-07
               0.000E+00
                              0.000E+00
                                             3,763E-05
                                                                           3,306E-06
     684
                                                                                           9.164E-07
                                                                                                          1.533E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                            1.460E-06
                                             2.500E-05
1.761E-05
     685
               0.000E+00
                              0.000E+00
                                                                                                          1.078E-07
7.765E-08
                                                             0.000E+00
                                                                            9.809E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                           6.453E-07
                              0.000E+00
     686
               0.000E+00
                                                                                                                                                       1.063E-01
                                                                                           4.645E-07
3.479E-07
2.724E-07
                                                                                                                                         0.000E+00
                                                                           7.125E-07
5.392E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.269E-05
                                                             0.000E+00
     687
                                                                                                          5.813E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       7.951E-02
               0.000E+00
                              0.000E+00
                                             9.492E-06
7.419E-06
                                                             D.000E+00
                                                             0.000E+00
                                                                            4.362E-07
                                                                                                          4.551E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       6.313E-02
               0.000E+00
                              0.000E+00
     689
                                                                                                                                                       5.248E-02
4.514E-02
                                                                                                                                         U.UUUE+DU
               0.000E+00
                                                             0.000E+00
                                                                            3.731E-07
                                                                                           2.264E-07
                                                                                                          3.785E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                              6,161E-06
     690
                                                                                                                                         0.000E+00
                                                                                                          3.224E-08
                                             5.243E-06
4.538E-06
                                                                            3.238E-07
                                                                                           1.929E-07
               0.000E+00
                              0,000E+00
                                                             D. DDOE+OO
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       3.973E-02
3.550E-02
                                                                            2.851E-07
                                                                                                          2.793E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           1.672E-07
     692
               0.000E+00
                                                                                           1.490E-07
                              0.000E+00
                                                                                                          2,488E-08
2,215E-08
                                              4.039E-06
                                                             0.000E+00
                                                                            2.573E-07
                                                                                                                         0.000E+00
     693
               0.000E+00
                                                                                                                                                       3.202E-02
                                                                                                                         0.000E+00
                                                                                           1.326E-07
```

2.322E-07

0.000E+00

0.000E+00

3.594E-06

```
2.105E-07
1.933E-07
1.785E-07
                                                                                              1.188E-07
1.078E-07
                                                                                                              1.984E-08
1.800E-08
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             2.907E-02
2.657E-02
                               0.000E+00
                                               3.217E~06
                                                               0.000E+00
                                                                                                                              0.000E+00
               0.000E+00
     695
                                                                                                                              0.000E+00
                                               2.917E-06
2.659E-06
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                               9.841E-08
                                                                                                              1.643E-08
                                                                                                                                                             2.441E-02
2.254E-02
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     697
               0.000E+00
                               0.00E+00
                               0.000E+00
                                               2.432E-06
                                                               0.000E+00
                                                                               1.661E-07
                                                                                               9 008E-08
                                                                                                              1.504E-08
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
               0.000E+00
     698
                                                                                                                                              0.000E+00
                                                                                                                                                              2,088E-02
                                                                                                                              0.000E+00
                                               2.234E-06
2.251E-06
                                                                                               8.287E-08
                                                                                                              1.383E-08
               0,000E+00
                               0.000E+00
                                                               0.0008+00
                                                                               1.562E-07
     699
                                                                               1.818E-07
                                                                                                              1.409E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                             1.943E-02
9.310E-03
                                                               0.000E+00
                               0.000E+00
     700
               0.000E+00
                                                                                               1.023E-07
                                               2.470E-06
                                                               0.000E+00
                                                                              2.951E-07
3.340E-07
                                                                                                              1.598E-08
1.831E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
     701
                                                                                               1.155E-07
                                                                                                                                                              1.029E-02
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                               2.838E-06
3.320E-06
                                                               0.000E+00
     702
               0.000E+00
                               0 000E+00
                                                                                              1.390E-07
1.743E-07
1.977E-07
                                                                                                              2.153E-08
2.505E-08
2.901E-08
                                                                                                                                                              1.131E-02
1.339E-02
                                                                               4.052E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                                               0.000E+00
     703
                                                                              4.808E-07
5.472E-07
                                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
     704
               0.000E+00
                               0.000E+00
                                               3.834E-06
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.758E-02
                                               4.456E-06
5.242E-06
                                                               0 000E+00
     705
               0.000E+00
                               0 000E+00
                                                                                                                                                             2.550E-02
3.812E-02
                                                               0.000E+00
                                                                               6.328E-07
                                                                                               2.236E-07
                                                                                                              3.400E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
               0.000E+00
     706
                                                                                              2.605E-07
3.563E-07
                                                                                                              4.055E-08
5.830E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                              6.980E-07
9.455E-07
               0.000E+00
                               0.000E+00
                                               6.312E-06
     707
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.587E-02
                                               9.157E-06
               0.000E+00
                               0.000E+00
     708
                                               1.634E-05
2.473E-05
               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                              1.837E-06
2.978E-06
3.127E-06
                               0.000E+00
                                                                                              6.260E-07
9.521E-07
                                                                                                              1.046E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.776E-02
     709
                                                                                                              1.594E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              2.653E-01
                                                                                                                              0.000E+00
                               0.000E+00
                                                               0.000E+00
     710
                                                                                               1.094E-06
                                                                                                              1.814E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.484E-01
                                               2.836E-05
2.769E-05
                                                               0.000E+00
     711
               0.000E+00
                               0.000E+00
               0.000E+00
0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               2.537E-06
                                                                                               1.077E-06
                                                                                                              1.747E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.081E-01
     712
713
                                                                                                                                              0.000E+00
                                                                                                                                                              2.156E-01
                                                                                                              1.265E-07
9.516E-08
                                                               0.000E+00
0.000E+00
                                                                               1.488E-06
9.993E-07
                                                                                               7.560E-07
5.680E-07
                                                                                                                              0.000E+00
                               0.000E+00
                                               2.039E-05
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.335E-01
     714
               0.000E+00
                               0.000E+00
                                               1.544E-05
                                                                                              4.308E-07
3.459E-07
2.669E-07
                                                                                                                                                              9.209E-02
7.247E-02
                                                                               7.367E-07
                                                                                                              7.212E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
0.000E+00
                               0.000E+00
                                                1.172E-05
                                                               0.000E+00
     715
716
                                                                                                              5.734E-08
                                                                                                                                              0.000E+00
                                               9.349E-06
7.251E-06
                                                               0.000E+00
0.000E+00
                                                                               5.423E-07
4.221E-07
                                                                                                                              0.000E+00
0.000E+00
                               0.000E+00
                                                                                                               4.447E-08
                                                                                                                                              0.000E+00
                                                                                                                                                              5.938E-02
               0.000E+00
                               0.000E+00
                               0.000E+00
                                               5.931E-06
                                                               0.000E+00
                                                                               3.635E-07
                                                                                               2.180E-07
                                                                                                              3.645E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.939E-02
     718
               0.000E+00
                                                                                                            OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  11/07/95 09:41:42
                                                                                                                                                              Page - 137
                                                                                                                                              0.000E+00
                                                                                                                                                              4.041E-02
                                               4.949E-06
                                                               0.000E+00
                                                                                               1.820E-07
                                                                                                              3.045E-08
                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                                                                                                                                             3.356E-02
2.840E-02
2.449E-02
2.159E-02
                                               4.299E-06
3.819E-06
                                                                               2.778E-07
2.530E-07
2.295E-07
                                                                                                              2.649E-08
2.357E-08
2.108E-08
               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                              1.581E-07
1.406E-07
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                               0.000E+00
     720
                                                               0.000E+00
0.000E+00
     721
                               0.000E+00
                               0.000E+00
                                               3.413E-06
                                                                                               1.258E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     722
               0 000E+00
                                                                                                              1.913E-08
1.764E-08
                                               3.097E-06
                                                               0.000E+00
                                                                               2.092E-07
                                                                                               1.143E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     723
               0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.946E-02
1.785E-02
1.661E-02
                                                                                               1.055E-07
                                                                                                                                              0.000E+00
                                               2.854E-06
2.638E-06
                                                                               1.934E-07
1.777E-07
     724
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                               9.753E-08
                                                                                                              1.630E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     725
               0.000E+00
                                                                               1.641E-07
1.508E-07
1.393E-07
                                                                                                                                              0.000E+00
     726
               0.000E+00
                               0.000E+00
                                                2.448E-06
                                                               0.000E+00
                                                                                               9.061E-08
                                                                                                              1.512E-08
                                                                                                                              0.000E+00
                                               2.265E-06
2.096E-06
                                                               0.000E+00
0.000E+00
                                                                                               8.389E-08
                                                                                                              1.398E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.560E-02
                               0.000E+00
0.000E+00
     727
               0.000E+00
                                                                                                                                                              1.476E-02
7.010E-03
                                                                                               7.766E-08
                                                                                                              1.294E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
     728
                                0.000E+00
                                               2.776E-06
3.054E-06
                                                               0.000E+00
0.000E+00
                                                                               3.556E-07
3.891E-07
                                                                                               1.215E-07
1.350E-07
                                                                                                              1.813E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     729
                0.000E+00
                                                                                                               1.995E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.229E-03
     730
               0.000E+00
                               0.000E+00
                                                3.324E-06
                                                               0.000E+00
                                                                               4.223E-07
                                                                                               1.476E-07
                                                                                                              2.171E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.268E-02
               0.000E+00
                               0.000E+00
     731
                                                                                                                                                              1.669E-02
2.143E-02
                                                                                                              2.388E-08
2.559E-08
                                                                                                                                              0.000E+00
                                0.000E+00
                                                3.649E-06
                                                               0.000E+00
                                                                               4.692E-07
                                                                                               1.634E-07
                                                                                                                              0.000E+00
     732
                0.000E+00
                                               3.912E-06
4.515E-06
                                                                                               1.840E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                               4.848E-07
5.202E-07
                                                               0.000E+00
0.000E+00
     733
734
               0.000E+00
0.000E+00
                               0.000E+00
                                0.000E+00
                                                                                               1.956E-07
                                                                                                               2.919E-08
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
                                                                                                                                                              2.661E-02
3.257E-02
                                                                               6.063E-07
9.996E-07
1.606E-06
2.228E-06
2.228E-06
2.151E-06
                                                               0.000E+00
0.000E+00
                                                                                               2.330E-07
3.466E-07
                                                                                                              3.608E-08
5.675E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                5.628E-06
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.404E-02
               0.000E+00
0.000E+00
     736
                                0.000E+00
                                                8.845E-06
                                               1.427E-05
                                                                                                                                                              8.159E-02
1.763E-01
                                0.000E+00
                                                               0.000E+00
                                                                                               5.542E-07
                                                                                                               9.148E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     737
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                1.923E-05
                                                               0.000E+00
                                                                                               7.479E-07
                                                                                                              1.236E-07
                                                               0.000E+00
0.000E+00
                                                                                               8.260E-07
                                                                                                               1.363E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              2.657E-01
     739
               0.000E+00
0.000E+00
                                0.000E+00
                                                2.141E-05
                                                                                                                                                              2.929E-01
1.718E-01
                                0.000E+00
                                                2.161E-05
                                                                                               8.253E-07
                                                                                                               1.371E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     740
                                                                               1.409E-06
1.461E-06
8.973E-07
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                               6.606E-07
6.602E-07
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                1.730E-05
                                                                                                               1.082E-07
                                                                                                               1.018E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.252E-01
                                                1.609E-05
     742
                0.000E+00
                                0 000E+00
                                                                                                                                                              9.048E-02
6.687E-02
5.099E-02
                                                1.161E-05
                                                               0.000E+00
                                                                                               4.415E-07
                                                                                                               7.237E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                0.000E+00
                0.000E+00
     743
                                0.000E+00
                                                8.689E-06
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                               5.657E-07
4.586E-07
                                                                                               3.194E-07
                                                                                                               5.356E-08
                                                                                                                              0.000E+00
                0.000E+00
                                                                                                               4.452E-08
                                                                                               2.664E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
0.000E+00
     745
                                0.000E+00
                                                7.231E-06
                                                                                                                                                              4.256E-02
3.797E-02
                                0.000E+00
                                                5.897E-06
                                                                               3.470E-07
                                                                                               2.179E-07
                                                                                                               3.619E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     746
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                               2.907E-07
2.652E-07
2.437E-07
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                4.946E-06
                                                                                               1.829E-07
                                                                                                              3.035E-08
                                                                                                              2.606E-08
2.259E-08
2.013E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              3.482E-02
                                                                                               1.566E-07
               0.000E+00
0.000E+00
                                               4.235E-06
3.660E-06
     748
                                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              3.113E-02
2.724E-02
     749
                                0.000E+00
                                                                                               1.353E-07
                                                                                                                              0.000E+00
                                                                               2.211E-07
2.031E-07
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                3.258E-06
                                                               0.000E+00
                                                                                               1.204E-07
                                                               0.000E+00
0.000E+00
                                                                                                                                                              2.387E-02
2.106E-02
1.862E-02
                                                                                               1.092E-07
                                                                                                               1.827E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     751
752
               0.000E+00
0.000E+00
                                               2.955E-06
2.690E-06
                                0.000E+00
                                                                               1.886E-07
1.771E-07
1.690E-07
1.844E-07
                                                                                               9.943E-08
9.174E-08
                                0.000E+00
                                                                                                               1.665E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                               1.538E-08
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                2.482E-06
                                                               0.000E+00
0.000E+00
                                                                                               8.646E-08
                                                                                                               1.447E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.650E-02
                                                2.332E-06
     754
                0.000E+00
                                0.000E+00
                                                                                                                                                              1.473E-02
1.327E-02
                                                2.338E-06
                                                               0.000E+00
                                                                                               8.964E-08
                                                                                                               1.460E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0 000E+00
                                0.000E+00
     755
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
     756
                                0.000E+00
                                                2.089E-06
                                                               0.000E+00
                                                                               1.497E-07
                                                                                               7.764E-08
                                                                                                               1.295E-08
                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                               1.817E-08
                                                                                                                                                              1.014E-02
                                                                                               1.197E-07
                                                2.781E-06
2.962E-06
                                                               0.000E+00
0.000E+00
                                                                               3.609E-07
3.852E-07
     757
                0.000E+00
                                0.000E+00
                                                                                               1.283E-07
                                                                                                               1.936E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.186E-02
                                0.000E+00
     758
                0 000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.392E-02
1.638E-02
                                                2.990E-06
                                                               0.000E+00
                                                                               3.880E-07
                                                                                               1.376E-07
                                                                                                               1.961E-08
                0.000E+00
                                0.000E+00
     759
                                                               0.000E+00
0.000E+00
                                                                               3.931E-07
4.214E-07
                                                                                               1.409E-07
1.563E-07
                                                                                                              2.043E-08
                0.000E+00
                                0.000E+00
                                                3.127E-06
                                                                                                                                                              1.899E-02
2.185E-02
2.474E-02
3.919E-02
                                                                                                               2.261E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     761
                0.000E+00
                                0.000E+00
                                                3.474E-06
                                                                               4.593E-07
6.714E-07
                0.000E+00
                                0.000E+00
                                                4.084E-06
                                                               0.000E+00
                                                                                               1.810E-07
                                                                                                               2.639E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     762
                                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                0.000E+00
                                                5.975E-06
                                                               0.000E+00
                                                                                               2.408E-07
3.460E-07
                                                                                                               3.838E-08
5.393E-08
                                0.000E+00
     763
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                               9.558E-07
                0.000E+00
                                0.000E+00
                                                8.372E-06
                                                                                                                                                              6.935E-02
1.285E-01
                                0.000E+00
                                                1.253E-05
                                                                               1.423E-06
                                                                                               4.896E-07
                                                                                                               8.043E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
     765
                                                                                                                                              0.000E+00
                                                                                                                              0 000E+00
                0.000E+00
                                0.000E+00
                                                1.598E-05
                                                               0.000E+00
                                                                               1.832E-06
                                                                                               6.278E-07
                                                                                                               1.026E-07
     766
                                                                                               6.652E-07
6.516E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              1.715E-01
                                                                                                               1.089E-07
                                                                                                                               0.000E+00
                                                1.712E-05
1.715E-05
                                                               0.000E+00
                                                                               1.755E-06
     767
                0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                               1.677E-06
                                                                                                               1.086E-07
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.924E-01
                                0.000E+00
                0 000E+00
     768
                                                                               1.480E-06
1.365E-06
                                                                                                               1.028E-07
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.668E-01
                0.000E+00
                                0.000E+00
                                                1.630E-05
                                                               0.000E+00
                                                                                               6.314E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              1.372E-01
                                                                                                               9,602E-08
                                                               0.000E+00
                                                                                               6.034E-07
                0.000E+00
                                0.000E+00
                                                1 522E-05
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                   11/07/95
                                                                                                                                                 09:41:42
                                                                                                                                                               Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                0.000E+00
                                                                                                               9.511E-08
6.280E-08
5.114E-08
                                                                                                                                              0.000E+00
                                                                                                                                                              1.059E-01
                                                                               1.502E-06
7.897E-07
                                                                                               6.307E-07
3.768E-07
                                                                                                                              0.000E+00
     771
772
773
774
                                                               0.000E+00
                                                1.489E-05
                                                                                                                                                              8.541E-02
6.701E-02
                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
                                                1.007E-05
8.230E-06
                0.000E+00
                                                                               6.170E-07
4.754E-07
                                                                                               3.041E-07
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                0.000E+00
                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.293E-02
                                                                                                               4.300E-08
                0.000E+00
                                0.000E+00
                                                6.956E-06
                                                               0.000E+00
                                                                                               2.568E-07
                                                                                                                               0.000E+00
                                                                                                               3.631E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.270E-02
                0.000E+00
                                0.000E+00
                                                5.889E-06
                                                               0.000E+00
                                                                               3.815E-07
                                                                                               2.175E-07
                                                                                                                                              0.000E+00
                                                                                                               3.064E-08
                                                                                                                                                              3.447E-02
                                                4.971E-06
4.239E-06
                                                                               3.209E-07
                                                                                               1.840E-07
                                                                                                                               0.000E+00
     776
777
                                0.000E+00
0.000E+00
                                                               0.000E+00
                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              2.833E-02
2.545E-02
                                                               0.000E+00
                                                                               2.659E-07
                                                                                               1.573E-07
                                                                                                               2.610E-08
                                                                                                                               0.000E+00
                0.000E+00
     778
779
780
                                                3.708E-06
3.251E-06
2.890E-06
                0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                               2.257E-07
2.070E-07
                                                                                               1,378E-07
                                                                                                               2.280E-08
                                                                                                                               0.000E+00
                                                                                                                                                              2.461E-02
2.356E-02
2.174E-02
                                                                                                               2.003E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                               1.209E-07
                0.000E+00
                                0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                               1.952E-07
                                                                                               1.074E-07
                                                                                                               1.786E-08
                                                                                                                               0.000E+00
                                                                0.000E+00
                0.000E+00
                                                                               1.855E-07
1.726E-07
                                                                                                                               0.000E+00
                0.000E+00
                                0.000E+00
                                                2.626E-06
                                                                0.000E+00
                                                                                               9.756E-08
                                                                                                               1.627E-08
                                                                                                               1.486E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.970E-02
                                                               0.000E+00
                                                                                               8.898E-08
                                                2.397E-06
     782
                0 000E+00
                                0.000E+00
```

8.314E-08

1.657E-07

1.385E-08

0.000E+00

0.000E+00

1-788E-02

0.000E+00

0.000E+00

2.229E-06

```
2.106E-07
1.452E-07
3.392E-07
                                                                                         9.512E-08
7.191E-08
1.132E-07
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                         1.635E-02
1.495E-02
                                         2.360E-06
                                                                                                         1.490E-08
1.203E-08
                                                                                                                         0.000E+00
                                                          0.000E+00
          0.000E+00
                          0.000E+00
784
                          0.000E+00
0.000E+00
                                          1.936E-06
2.561E-06
2.565E-06
                                                          0.000E+00
                                                                                                                         0.000E+00
785
          0.000E+00
                                                                                                                                                         9.809E-03
                                                                                                         1.679E-08
                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
786
                                                                                                                                                         1.145E-02
1.308E-02
                                                                          3.280E-07
                                                                                                         1.678E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
787
          0.000E+00
                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                         1.662E-08
                                          2.544E-06
                                                          0,000E+00
                                                                          3.241E-07
                                                                                          1.131E-07
                                                                                                                         0.000E+00
                          0.000E+00
788
          0.000E100
                                                                                          1.265E-07
                                                                                                                                                         1.436E-02
                                                                                                         1.864E-08
                                                                                                                         0.000E+00
                                                                         3.606E-07
                          0.000E+00
                                          2.855E-06
3.226E-06
                                                          0.000E+00
0.000E+00
189
                                                                                          1.478E-07
                                                                                                         2.096E-08
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.597E-02
1.711E-02
                          0.000E+00
0.000E+00
790
           0.000E+00
                                                                                                                                          0.000E+00
                                                                                          1.783E-07
2.455E-07
                                                                                                         2.797E-08
                                                                                                                         0-000E+00
                                                          0.000E+00
                                                                          4.981E-07
           0.000E+00
791
                                                                                                          3.775E-08
                                                                                                                                          0.000E+00
                                                                                                                                                         2.434E-02
                                                                          7.093E-07
                                                                                                                         0.000E+00
           0.000E+00
                          0.000E+00
                                          5.819E-06
                                                          0.000E+00
792
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         3.699E-02
6.374E-02
                                          8.044E-06
                                                          0.000E+00
                                                                          9.233E-07
                                                                                          3.291E-07
                                                                                                          5.180E-08
                                                                                                                         0.000E+00
                          0.000E+00
0.000E+00
           0.000E+00
                                                                                                                         0.000E+00
                                                                          1.321E-06
1.534E-06
                                                                                          4.472E-07
5.344E-07
                                           1.134E-05
                                                          0.000E+00
                                                                                                          7.295E-08
          0.000E+00
794
                                                                                                                         0.000E+00
                                                                                                          8.674E-08
                                                                                                                                          0.000E+00
                                                                                                                                                         1.002E-01
                                          1.351E-05
           0.000E+00
                          0.000E+00
                                                          0.000E+00
795
                                                                                                                                                         1.263E-01
1.393E-01
                                                                                                                                         0.000E+00
0.000E+00
                                          1.411E-05
                                                                          1.451E-06
                                                                                          5.506E-07
                                                                                                          8.983E-08
                                                                                                                         0.000E+00
                                                          0.000E+00
           0.000E+00
                          0.000E+00
0.000E+00
796
                                          1.394E-05
1.343E-05
1.280E-05
                                                                         1.350E-06
1.268E-06
1.148E-06
                                                                                          5.327E-07
5.146E-07
                                                                                                                         0.000E+00
                                                          0.000E+00
                                                                                                         8.825E-08
797
798
          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.263E-01
                                                          0.000E+00
                          0.000E+00
                                                                                                                                                         1.094E-01
8.726E-02
                                                          0.000E+00
                                                                                          4.995E-07
                                                                                                         8.068E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                          0.000E+00
 799
           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                          1.002E-06
8.053E-07
6.464E-07
                                                                                          4.431E-07
3.612E-07
2.945E-07
                          0.000E+00
                                           1.139E-05
                                                          0.000E+00
                                                                                                          7.168E-08
          0.000E+00
0.000E+00
800
                                                                                                          5.955E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         7.398E-02
                                          9.497E-06
7.841E-06
                                                          0.000E+00
0.000E+00
                           0.000E+00
801
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         6.321E-02
5.198E-02
                                                                                                          4.904E-08
                                                                                                                         0.000E+00
                          0.000E+00
0.000E+00
           0.000E+00
802
                                                                                          2.463E-07
2.141E-07
                                                                                                                         0.000E+00
          0.000E+00
0.000E+00
                                           6.628E-06
                                                          0.000E+00
                                                                          5.098E-07
                                                                                                          4.126E-08
803
                                                                          4.209E-07
3.317E-07
                                                                                                                                                         4.255E-02
3.595E-02
3.092E-02
                                                                                                          3.582E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                          0.000E+00
0.000E+00
                           0.000E+00
                                           5.773E-06
804
                                           4.957E-06
                                                                                          1.838E-07
                                                                                                          3.062E-08
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
805
           0.000E+00
                           0.000E+00
                                                                                                         2.633E-08
2.275E-08
                                                                                                                                          0.000E+00
                                                                          2.777E-07
2.447E-07
                                                                                                                          0.000E+00
                                                                                          1.582E-07
                           0.000E+00
                                           4.269E-06
                                                          0.000E+00
806
           0.000E+00
                                                                                          1.369E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.610E-02
                                          3.685E-06
                                                          0.000E+00
           0.000E+00
                           0.000E+00
807
                                                                                                                                          0.000E+00
                                                                                                                                                         2.113E-02
1.819E-02
                                           3.290E-06
                                                           0.000E+00
                                                                          2.154E-07
                                                                                          1.225E-07
                                                                                                         2.030E-08
1.799E-08
                                                                                                                          0:000E+00
                           0.000E+00
808
           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                           0.000E+00
                                           2.920E-06
                                                           0.000E+00
                                                                          1.864E-07
1.704E-07
                                                                                          1.088E-07
           0.000E+00
809
                                                                                                                                                         1.759E-02
1.779E-02
1.746E-02
                                                                                                          1.612E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                          2.612E-06
2.390E-06
                                                           0.000E+00
 810
           0.000E+00
                           0.000E+00
                                                                          1.623E-07
1.557E-07
1.492E-07
                                                                                                                                          0.000E+00
                                                                                                          1.478E-08
1.363E-08
                           0.000E+00
                                                           0.000E+00
                                                                                          8.916E-08
                                                                                                                          0.000E+00
           0.000E+00
 811
                                                                                                                                          0.000E+00
                                                                                          8.199E-08
7.541E-08
                                                                                                                          0.000E+00
                                           2.199E-06
                                                           0.000E+00
           0.000E+00
                           0.000E+00
812
                                                                                                          1.256E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.644E-02
           0.000E+00
                                                           0.000E+00
                                          2.023E-06
 813
                           0.000E+00
                                           1.859E-06
                                                                          1.412E-07
                                                                                          6.930E-08
                                                                                                          1.157E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.513E-02
                           0.000E+00
814
           0.000E+00
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

SEPTOR	Гb	Mn	Hg	Ni	NAPTH	РАН	PROPL	Se	TOL	XYLEN
1 2 3 4 5 6 7 8 9 10	3.099E-06 2.916E-06 4.905E-06 4.905E-06 4.403E-06 3.411E-06 3.743E-06 3.743E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	4.738E-07 4.763E-07 4.736E-07 7.730E-07 7.684E-07 6.946E-07 5.401E-07 5.630E-07 5.876E-07 9.597E-07 2.754E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
12 13 14 15 16 17 18 19 20 21	7.208E-06 5.755E-06 5.875E-06 5.935E-06 6.839E-06 2.064E-06 3.514E-06 3.900E-06 5.055E-06 3.128E-06 3.033E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.145E-06 8.475E-07 8.623E-07 8.657E-07 9.870E-07 3.246E-07 5.435E-07 7.769E-07 4.575E-07 4.414E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
23 24 25 26 27 28 29 30 31 32	2.905E-06 2.750E-06 2.580E-06 2.940E-06 2.791E-06 2.750E-06 2.787E-06 2.965E-06 3.179E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	4.214E-07 3.987E-07 3.730E-07 4.268E-07 4.021E-07 3.648E-07 4.288E-07 4.6620E-07 5.029E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
33 34 35 36 37 38 39 40 41	3.222E-06 2.949E-06 3.673E-06 4.481E-06 6.425E-06 6.255E-06 6.185E-06 7.610E-06 6.43E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	4.667E-07 4.223E-07 5.298E-07 6.557E-07 9.576E-07 9.265E-07 8.986E-07 9.469E-07 1.118E-06 9.576E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 140

43 444 45 467 489 551 551 552 553 554 555 561 663 664 666 667 669 701 777 777 777 777 777 777 777 777 777	6.374E-06 4.730E-06 6.375E-06 6.375E-06 8.049E-06 9.054E-06 8.654E-06 6.7879E-06 6.722E-06 6.722E-06 6.722E-06 6.722E-06 3.672E-06 3.672E-06 3.672E-06 3.583E-06 3.583E-06 3.583E-06 3.855E-06 3.855E-06 6.722E-06 6.142E-06 6.142E-06 6.142E-06 1.132E-05 1.545E-05 1.545E-05 1.545E-06 6.772E-06 8.097E-06 8.097E-06 8.097E-06 1.132E-05 1.545E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 7.835E-06 6.775E-06 7.835E-06 6.775E-06 6.775E-06 6.775E-06 7.835E-06 6.775E-06 6.775E-06	0.000E+00	0.000E+00 0.000E+00	9.382E-07 7.008E-07 9.424E-07 9.424E-07 9.424E-07 9.424E-06 1.287E 06 1.251E-06 1.217E-06 1.192E-06 1.32E-06 8.810E-07 7.658E-07 6.129E-07 5.590E-07 5.467E-07 5.467E-07 7.131E-07 8.046E-07 7.131E-07 8.046E-07 7.131E-07 8.132E-06 1.264E-06 1.264E-06 1.264E-06 1.264E-06 1.264E-06 1.264E-06 1.337E-06 1.158E-06 1.158E-06 1.158E-06 1.337E-06 1.417E-06 1.417E-06 1.337E-06 1.417E-06 1.337E-06 1.417E-06 1.337E-06 1.417E-06 1.337E-06 1.358E-06 1.368E-06 1	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
95 Input File: 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 123 124 125 126 127 128 129 130 131 132 133 134 135	8:\ace\GQ91 8.189E-06 9.933E-06 9.933E-06 1.263E-05 1.616E-05 1.301E-05 9.419E-06 8.762E-06 8.762E-06 8.762E-06 8.762E-06 1.075E-05 1.377E-05 1.0753E-05 1.246E-05 1.246E-05 1.246E-05 1.244E-05 1.246E-05	CGQFACE .DAT C.000E+00	0.000E+00 0.000E+00	1.324E-06 1.362E-06 1.362E-06 1.615E-06 2.030E-06 2.064E-06 1.601E-06 1.601E-06 1.38EE-06 1.38EE-06 1.376E-06 1.38EE-06 2.052E-06 1.376E-06 2.464E-06 2.464E-06 2.952E-06 3.784E-06 2.464E-06 2.952E-06 3.784E-06 2.302E-06 3.784E-06 2.302E-06	g:\ace\GQ91\ 0.000E+00		0.000E+00	11/07/93 0.000E+00		Page - 141 0.000E+00

```
0 000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                             0,000E+00
                                                           3.878E-06
                                                                          0.000E+00
                                                                                                                       0 000E+00
              2.524E-05
2.519E-05
    136
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                           4.010E-06
3.691E-06
                                                                          0 000E+00
    137
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                          0.000E+00
     138
              2.299E-05
2.793E-05
                             0.000E+00
                                             0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                       0 000E+00
                                             0.000E+00
                                                           4.406E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                             0.000E+00
    139
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                                      0.000E100
                                                                                                                                                     0.000E+00
                                                           3.920E-06
4.313E-06
              2.488E-05
                              0.000E+00
                                             0.000E+00
                                                                          0.000E+00
    140
                                                                          0.000E+00
                                                                                         0.000E100
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
     141
              2.810E-05
                             O BOOLETOO
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                           2.934E-06
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
              1.882E-05
    142
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           2.080E-06
              1.311E-05
                              0.000E+00
                                             0.000E+00
    143
                                                                                         0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
                                                           2.025E-06
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                          0.000E+00
              1.310E-05
1.054E-05
    144
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
                                             0.000E+00
                                                           1.683E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                        0 000E+00
                                                                          0 000E+00
              9.527E-06
                              0.000E+00
                                             0.000E+00
                                                           1.546E-06
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                       OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                    VERS. 93288
                                                                                                                           11/07/95
                                                                                                                                                      Page -
                                                                                                                                         09:41:42
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
              8.794E-06
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
              8.332E-06
7.262E-06
                                             0.000E+00
0.000E+00
                                                           1.359E-06
1.184E-06
                              0.000E+00
    148
                                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                       0 000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.036E-06
              6.352E-06
    150
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
              6.677E-06
7.182E-06
                                                           1.088E-06
     151
                              0.000E+00
                                             0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                            1.159E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                              0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            1.000E-06
                                                                           0.000E+00
                                                                                          0.000E+00
     153
              6.182E-06
5.538E-06
                                                                                                                                                     0.000E+00
0.000E+00
                                                           8.941E-07
8.131E-07
                                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                             0.000E+00
     154
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                       0.000E+00
               5.049E-06
     155
                                                                                                                                                     0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                           9.081E-07
9.938E-07
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
               5.754E-06
     156
                                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
     157
               6.407E-06
                              0.000E+00
                                             0.000E+00
                                                           9.403E-07
8.977E-07
7.939E-07
                                                                                                        0.000E+00
0.000E+00
              6.002E-06
5.730E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                       0.000E+00
                                             0.000E+00
     158
                              0.000E+00
                                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     159
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                           0.000E+00
               5.016E-06
                              0.000E+00
                                             0.000E+00
     160
                                                                                                                                       0.000E+00
                                                            7.520E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                             0.000E+00
              4.781E-06
5.301E-06
                              0.000E+00
     161
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            8.321E-07
9.571E-07
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     162
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
               6.139E-06
                              0 000E+00
                                             0 000E+00
     163
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                            1.193E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
              7.828E-06
8.987E-06
                              0.000E+00
                                             0.000E+00
     164
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                              0.000E+00
                                                            1.366E-06
1.291E-06
                                                                                          0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     165
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               8.604E-06
                              0.000E+00
                                             0.000E+00
     166
                                             0.000E+00
                                                            1.015E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                              0.000E+00
     167
               6.768E-06
5.208E-06
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
0.000E+00
                                             0.000E+00
                                                            7.898E-07
                                                                                          0.000E+00
                              0.000E+00
     168
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                            6.643E-07
               4.389E-06
                              0.000E+00
                                             0 000E+00
                                                            6.866E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
               4.536E-06
4.765E-06
                                             0.000E+00
                              0 000E+00
     170
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            7.183E-07
7.288E-07
                                                                           0.000E+00
                                                                                          0.000E+00
     171
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               4.855E-06
                              0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                            7.230E-07
                                                                           0.000E+00
                                                                                                         0.000E+00
               4.833E-06
5.645E-06
                              0.000E+00
                                             0.000E+00
     173
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                            8.538E-07
                                                                           0.000E+00
     174
                                                            1.016E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     175
               6.647E-06
                              0 000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                            1.306E-06
                                                                           0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
               8,446E-06
     176
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            1.497E-06
1.393E-06
                                                                           0.000E+00
               9.735E-06
                              0.000E+00
                                             0.000E+00
     177
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                      0.000E+00
                                             0 000E+00
               9.197E-06
                              0.000E+00
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.533E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               1,004E-05
     179
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                           0 000E+00
               1.173E-05
                                             0.000E+00
                                                            1.813E-06
1.994E-06
     180
                              0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                      0.000E+00
               1.289E-05
                              0.000E+00
                                             0 000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
0.000E+00
                                                            1.492E-06
                                                                                          0.000E+00
                                                                                                         0 000E+00
                              0.000E+00
                                             0.000E+00
               9.696E-06
     182
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            1.089E-06
8.140E-07
               7.166E-06
                              0.000E+00
                                             0.000E+00
     183
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
               5.466E-06
                              0 000E+00
                                             0.000E+00
     184
                                                                                                                                                      0.000E+00
                                                            6.766E-07
6.968E-07
6.960E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
               4.605E-06
     185
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
0.000E+00
                                                                           0.000E+00
               4.715E-06
                              0.000E+00
     186
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     187
               4.687E-06
                              0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                            7.105E-07
7.230E-07
6.355E-07
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               4 754E-06
     188
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
     189
               4.833E-06
                              0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               4.276E-06
                              0.000E+00
                                             0.000E+00
     190
                                                            5.678E-07
                                                                                                                        0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0 000E+00
                              0.000E+00
     191
               3 852E-06
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            5.095E-07
3.160E-06
                                                                           0.000E+00
0.000E+00
                                             0.000E+00
               3.482E-06
                              0.000E+00
     192
                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
               1.995E-05
                              0.000E+00
                                             0.000E+00
                                                            2.866E-06
2.724E-06
2.668E-06
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0 000E+00
                                                                                                                        0.000E+00
                              0.000E+00
               1.785E-05
     194
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
               1.679E-05
                              0.000E+00
                                             0.000E+00
     195
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
               1.642E-05
                              0.000E+00
                                             0.000E+00
     196
                                                                                                         0.000E+00
0.000E+00
                                             0.000E+00
                                                            2.653E-06
                                                                           0.000E+00
                                                                                          0 000E+00
                                                                                                                        0.000E+00
               1.645E-05
                              0.000E+00
     197
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
               1.627E-05
                                             0.000E+00
                                                            2.599E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 143
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                          Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                      0.000E+00
                                                            2.573E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
               1.633E-05
                              0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                            2.596E-06
2.398E-06
2.238E-06
                                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
               1.673E-05
1.544E-05
     200
                                                                                                                                       0.000E+00
     201
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
     202
               1.444E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            2.224E-06
                                                                           0.000E+00
                                                                                                         0 000E+00
               1.453E-05
     203
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                           0.000E+00
     204
               2.280E-05
                              0.000E+00
                                             0.000E+00
                                                            3.610E-06
                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
0.000E+00
                                                            3.268E-06
                                                                           0.000E+00
                              0.000E+00
0.000E+00
     205
               2.032E-05
                                                                                                                                                      0.000E+00
                                                            3.161E-06
3.173E-06
3.073E-06
                                                                                          0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                           0.000E+00
                                                                                                         0...000E+00
               1.947E-05
     206
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                           0.000E+00
               1.957E-05
                              0.000E+00
                                             0.000E+00
     207
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
               1.913E-05
                              0.000E+00
                                             0:000E+00
     208
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            2.993E-06
                                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               1.892E-05
     209
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            3.109E-06
3.448E-06
2.719E-06
               2.009E-05
                              0.000E+00
                                             0.000E+00
                                                                           0 000E+00
     210
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
     211
               2.276E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     212
               1.772E-05
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             2.452E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0-000E+00
               1.595E-05
     213
                                                                           0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                            2.497E-06
               1.648E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                             4.021E-06
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
     215
               2.520E-05
                              0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                                             3.680E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               2.285E-05
                                             0.000E+00
     216
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     \bar{2}\bar{1}\bar{7}
                                                            3.695E-06
3.864E-06
                                                                                          0.000E+00
               2.287E-05
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
     218
               2.403E-05
2.348E-05
                              0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             3.722E-06
                                                                            0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     219
220
                                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                             3.565E 06
                                                                                                         0.000E+00
               2.286E-05
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                            4.285E-06
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                          0.000E+00
               2.842E-05
2.775E-05
1.986E-05
     221
                              0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
                                                             4.159E-06
                                                                            0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                              0.000E+00
     222
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                            3.029E-06
2.747E-06
                                                                                          0 000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0 000E+00
```

1.806E-05

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
2.053E-05
2.217E-05
                                                        3.065E-06
3.354E-06
                                                                      0.000E+00
                                                                                    0,000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                           0.000E+00
0.000E+00
                                          0=000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
                                                                      0.000E+00
    226
227
              2,102E-05
                            0.000E+00
                                          0.000E+00
                                                        3.164E-06
                                                                      0.000E+00
                                                                                                                               0.000E+00
                                                        4,117E-06
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0,000E+00
                                                                                                                                             0.000E+0D
                                          0.000E+00
    228
             2.805E-05
                            0 000E+00
                                                                      0.000E+00
             2.364E-05
2.362E-05
                            0.000E+00
                                          0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    229
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                    0.000E+00
                            0.000E+00
                                          0.0008+00
                                                        3.535E-06
4.497E-06
                                                                      0.000E+00
                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
                                                                                     0.000E+00
    231
             3.069E-05
                            0.000E+00
             2.917E-05
                            0.000E+00
                                          0.000E+00
                                                        4.344E-06
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                 0.000E+00
                                                        3.584E-06
3.787E-06
                                                                                    0.000E±00
                                                                                                   0.000E+00
             2.386E-05
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
    233
                                          0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
             2.546E-05
    234
                            0.000E+00
              4.037E-05
                                                                                                   0.000E+00
0.000E+00
                            0.000E+00
                                          0.000E+00
                                                        5.920E-06
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    235
                                                                                                                               0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                             0.000E+00
              2.772E-05
                            0.000E+00
                                          0.000E+00
                                                        4.142E-06
    236
                                                        4.209E-06
                                                                      0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
             2.836E-05
3.404E-05
                            0.000E+00
    237
                            0.000E+00
                                          0.000E+00
                                                        5.048E-06
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0 000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    238
                                                                                                   0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
              3.117E-05
                            0.0D0E+00
                                          0.000E+00
                                                        4.624E-06
                                                                      0.000E+00
                                          0.000E+00
                                                        6.092E-06
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.000E+00
    240
              4.129E-05
                                                        5.354E-06
6.992E-06
5.714E-06
                                                                                                   0.000E+00
0.000E+00
              3.625E-05
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.005+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    241
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                      0.000E+00
    242
              4.752E-05
                            0.000E+00
                                          0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+D0
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
              3 866E-05
    243
                                                        6.554E-06
4.982E-06
2.199E-07
                                                                                                                               0.000E+00
    244
              4.417E-05
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                                             0.000E+00
             3.311E-05
1.532E-06
                                                                      0.000E+00
                            0.000E+00
                                          0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0,000E+00
                                                                                                                               0.00000000
                                                                                                                                             0.000E+00
    246
247
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                        2.462E-07
2.727E-07
                                                                      0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
              1.707E-06
                            0.000E+00
                                          0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
              1.889E-06
                            0.000E+DD
    248
                            0.000E+00
                                                         2.467E-07
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.00000+00
                                                                                                                                             0.0005+00
              1.690E-06
                                          0.000E+00
    249
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
              1.580E-06
                            0.000E+00
                                          0.000E+00
                                                        2.352E-07
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                 OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS,
                                                                     1991 MET,
                                                                                PM10
                                                                                                                                            VERS. 93288 #
                                                      Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                     11/07/95
Input File: g:\ace\GQ91\GQFACE.DAT
                                                                                                                                  09:41:42
                                                                                                                                               Page - 144
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                   0.000E+00
                                                                                                                               0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                                                              0.000E+00
              1.663E-06
                                                        2.530E-07
2.530E-07
2.650E-07
2.598E-07
2.612E-07
2.640E-07
                                                                                                                               0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
    252
              1.650E-06
                            D.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
    253
254
              1.719E-06
1.665E-06
                                          0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                     0 000E+00
    255
              1.666E-06
                            0.000E+00
                                          0 000E+00
                                                                      0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0,000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.D00E+00
    256
              1.680E-06
              1.649E-06
                            0.000E+00
                                          0.000E+00
                                                         2.612E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 O.DODE+DD
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                        2.517E-07
2.346E-07
    258
                                                                       0.000E+00
              1.583E-06
                            0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.DD0E+00
              1.467E-06
    259
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                 0.000E+00
              1.311E-06
                            0.000E+00
                                          0.000E+00
                                                         2.107E-07
                                                                      0.000E+00
                                                                                     0 000E+00
                                                                                                   0.000E+00
    260
                                                                       0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                        1.910E-07
1.778E-07
              1.190E-06
                            0.000E+00
                                          0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
              1.107E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
    262
                                                                                                                               0.000E+00
              1.127E-06
                            0.000E+00
                                          0.000E+00
                                                         1.801E-07
                                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    263
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    264
              1.239E-06
1.384E-06
                            0.000E+00
                                          0.000E+00
                                                        1.958E-07
2.165E-07
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                            0.000E+00
    265
                                                        2.467E-07
2.694E-07
                                                                                     0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.600E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    266
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
              1.763E-06
1.862E-06
    267
                            0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                         2.819E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              D.DDDE+00
                            0.000E+00
    268
                                                        2.771E-07
2.704E-07
                                                                                                                               0.0002+00
                                                                                                                                             n nnnk+on
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0 0008+00
                                                                                                                 0.000E+00
              1.840E-06
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                                       0.000E+00
                                                                                                                                0.000E+00
    270
              1.804E-06
                            0.000E+00
                                          0.000E+00
              1.814E-06
                            0.000E+00
                                          0.000E+00
                                                         2.696E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    271
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.621E-06
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.408E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
    273
              1.334E-06
                            0 000E+00
                                          0.000E+00
                                                         1.994E-07
              1.149E-06
                                                         1.725E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                          0.000E+00
    274
                                                         1.708E-07
                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.169E-06
                                          0.00DE+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                         1.894E-07
    276
              1.294E-06
                            0.000E+00
                                          0.000E+00
                                                         2.045E-07
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
              1.387E-06
    277
                                                                                                   0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.171E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
    278
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.543E-06
1.645E-06
                                                        2.314E-07
2.494E-07
                                                                       0.000E+00
                                                                                                   0.000E+00
    279
                            0.000E+00
                                          0.000E+00
                            0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
    280
                                                                                                                                              0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
     281
              1.744E-06
                            0.000E+00
                                          0.000E+00
                                                         2.681E-07
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                         2,812E-07
    282
              1.817E-06
                            0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                         2.817E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
              1.796E-06
    283
              1.854E-06
                            0.000E+00
                                          0.000E+00
                                                         2.910E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0 000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
    284
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                   0.000E+00
                                          0.000E+00
0.000E+00
                                                                                     0.000E+00
    285
              1.859E-06
                            0.000E+00
                                                         2.928E-07
                                                                       0.000E+00
                                                         2.904E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.830E-06
1.745E-06
                            0.000E+00
    286
                                          0.000E+00
                                                         2.778E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.0008+00
                                                                                                                                              0.000E+00
                            0.000E+00
    287
                                                                                                                               0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                         2.552E-07
2.271E-07
                                                                                                   0.000E+00
              1.591E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.412E-06
1.296E-06
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    289
                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.083E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0 000E+00
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
    290
                                                                                                                                              0.000E+00
                                                                                                                 0.000E+00
                                                         1.990E-07
2.114E-07
                                                                                                   0.000E+00
              1.237E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
    292
              1.330E-06
                            0.000E+00
                                                         2.328E-07
2.568E-07
2.754E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              1.479E-06
                            0.000E+00
                                           0.000E+00
     293
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
              1.652E-06
1.784E-06
                                                                                                   0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0 000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
    295
                            0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.863E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
     296
              1.871E-06
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
     297
              1.858E-06
                            0.000E+00
                                          0 000E+00
                                                         2.825E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                   0 000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                         2.636E-07
                                                                                                   0.000E+00
                                          0.000E+00
    298
              1.736E-06
                            0.000E+00
                                                         2.454E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.623E-06
                            0.000E+00
                                           0.000E+00
    299
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.463E-06
                            0.000E+00
                                          0.000E+00
                                                         2.208E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
     300
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                         1.993E-07
                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
              1.322E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
                                                         1.760E-07
              1.165E-06
                            0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                  OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 145
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                               Page -
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.036E-06
                            0.000E+00
0.000E+00
                                          0.000E+00
                                                         1.566E-07
1.721E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.171E-06
1.263E-06
    304
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                         1.854E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    305
                            0.000E+00
              1.384E-06
                            0.000E+00
                                          0.000E+00
                                                         2.045E-07
2.251E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
     306
                                                                       0.000E+00
                                                                                                                                              0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                          0.000E+00
              1.515E-06
1.638E-06
    307
                            0.000E+00
                                           0.000E+00
                                                         2.452E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    308
                            0.000E+00
                                                                                                                                              0.000E+00
                                                         2.634E 07
2.898E-07
                                                                       0.000E100
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
     309
              1.739E-06
                            0.000E+00
                                          0.000E100
                                                                                     0.000E+00
                                                                                                   0.000E+00
              1.889E-06
2.005E-06
                                                                                                                  0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    310
311
                                          0.000E+00
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         3.100E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
    312
              2,017E-06
                            0.000E+00
                                          0.00DE+00
                                                         3 165E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0 000E+00

2 082E-06

3.272E-07

```
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.286E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
             2.082E-06
2.056E-06
    314
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                      0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          3.267E-07
3.089E-07
                                                                        0.000E+00
    315
                                                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
              1.937E-06
1.740E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
                                                          2.795E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.00E+00
                                           0.000E+00
                            0 000E+00
    317
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
                                                          2.494E-07
                                                                        0.000E+00
                                                                                       0.000E+00
              1.550E-06
                            0.000E+00
    318
                                                                                                                    0.000E100
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E100
              1.434E-06
                            0.000E+00
                                           U DUOETOO
                                                          2.311E-07
                                                                                                                                                 0.000E+00
                                                          2.317E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
                                           0.000E+00
              1.445E-06
1.600E-06
    320
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.533E-07
2.775E-07
                                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    321
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
    322
              1.774E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2.970E-07
                                                                        0.000E+00
                                                                                                                    0.000E+00
              1.913E-06
    323
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              1.977E-06
                            0.000E+00
                                           0.000E+00
                                                          3.047E-07
                                                                        0 000E+00
    324
                                                          2.936E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0 000E+00
    325
              1.914E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                          2.743E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
              1.792E-06
    326
                                                                                                                                   0.000E+00
                                                          2.485E-07
2.231E-07
1.958E-07
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                                                                       0.000E+00
0.000E+00
              1.628E-06
                                           0.000E+00
                                                                        0.000E+00
    327
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
              1.465E-06
                            0.000E+00
                                           0 000E+00
    328
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                            0.000E+00
                                           0.000E+00
    329
              1.284E-06
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
              1.139E-06
                            0.000E+00
                                           0.000E+00
                                                          1.737E-07
                                                                        0.000E+00
    330
                                                          1.573E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              1.033E-06
9.296E-07
1.195E-06
                                           0.000E+00
                            0.000E+00
    331
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          1.417E-07
1.752E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0 000E+00
                            0.000E+00
                                                                                                      0.000E+00
    332
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
    333
                            0.000E+00
                                           0.000E+00
                                                          1.965E-07
2.118E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
    334
              1,337E-06
                            0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
    335
              1 439E-06
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
0.000E+00
                                                          2.358E-07
                                                                        0.000E+00
                             0.000E+00
    336
              1.591E-06
                                                          2.624E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
    337
              1,758E-06
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2.868E-07
                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
              1,903E-06
2,064E-06
    338
339
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.156E-07
3.437E-07
3.579E-07
                             0.000E+00
                                           0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              2.225E-06
2.281E-06
    340
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    341
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              2,358E-06
2,378E-06
2,332E-06
                                                          3.711E-07
3.760E-07
                                                                        0.000E+00
                             0.000E+00
                                           0.000E+00
    342
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
    343
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          3.710E-07
    344
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3 455E-07
              2.161E-06
                             0 000E+00
                                           0.000E+00
     345
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.079E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
              1.913E-06
1.732E-06
                             0 000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                                          2.791E-07
                                           0.000E+00
                                                                         0.000E+00
    347
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.642E-07
              1.636E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          2.798E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              1.754E-06
1.947E-06
                             0.000E+00
     349
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
                                                          3.065E-07
                                                                         0.000E+00
                             0.000E+00
    350
                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.107E-06
2.171E-06
2.087E-06
                                                          3.285E-07
                             0.000E+00
                                           0.000E+00
     351
                                                          3.362E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
     352
                             0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          3.217E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
     353
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
              1.902E-06
                             0.000E+00
                                           0.000E+00
                                                          2.931E-07
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                 VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                       1991 MET.
                                                                                   PM10
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                    0.000E+00
                                           0.000E+00
0.000E+00
0.000E100
                                                          2.618E-07
2.319E-07
2.029E-07
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              1.702E-06
1.510E-06
1.321E-06
                                                                                       0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     3.57
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
              1.163E-06
                             0.000E+00
                                           0.000E+00
                                                          1.787E-07
1.602E-07
                                                                         0.000E+00
     358
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              1.044E-06
                             0.000E+00
                                           0.000E+00
                                                          1.436E-07
1.307E-07
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                                      0 000E+00
              9.362E-07
                             0.000E+00
                                           0.000E+00
     360
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
     361
              8.533E-07
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          1.800E-07
                                                                         0.000E+00
              1.231E-06
1.373E-06
                             0.000E+00
                                           0.000E+00
                                                          2.014E-07
2.257E-07
2.459E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
     363
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.536E-06
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
     364
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                           0.000E+00
              1.663E-06
                             0.000E+00
                                                                                                                                   0.000E+00
              1.869E-06
2.077E-06
                             0.000E+00
                                            0.000E+00
                                                          2.779E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     366
367
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                          3.118E-07
3.471E-07
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
              2.280E-06
                             0.000E+00
                                            0.000E+00
              2.472E-06
2.601E-06
2.696E-06
                                                          3.816E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
     369
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                          4.076E-07
                                                                         0.000E+00
                                                                                       0_000E+00
                             0.000E+00
     370
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                          4.246E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.327E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
     372
              2.729E-06
2.659E-06
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.239E-07
                                                                         0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
     373
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.887E-07
3.469E-07
                                                                         0.000E+00
              2.425E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                            0.000E+00
              2.150E-06
1.965E-06
     375
                             0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          3.176E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
     376
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
              1.971E-06
                             0.000E+00
                                            0.000E+00
                                                          3.173E-07
                                                          3.432E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     378
              2.163E-06
2.349E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                          3.682E-07
                                                                         0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     379
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
               2.432E-06
                             0.000E+00
                                            0.000E+00
                                                          3.779E-07
                                                                         0.000E+00
     380
                                                          3.630E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     381
              2.347E-06
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.281E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                            0.000E+00
              2.123E-06
                             0.000E+00
     382
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                       0.000E+00
              1.867E-06
                             0.000E+00
                                            0.000E+00
                                                          2.884E-07
                                                                         0.000E+00
     383
                                                          2.499E-07
2.153E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
              1.618E-06
                             0.000E+00
                                            0 0D0E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
              1.393E-06
     385
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
              1.221E-06
                             0.000E+00
                                            0.000E+00
                                                          1.886E-07
     386
                                                                                                                                   0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.665E-07
              1.080E-06
                             0.000E+00
                                            0 000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                          1.481E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
     388
              9.614E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                        0.000E+00
              8.693E-07
                             0.000E+00
                                            0.000E+00
                                                          1.337E-07
                                                                         0.000E+00
     389
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                          1.204E-07
              7.845E-07
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                          1.875E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     391
              1.287E-06
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.071E-07
2.337E-07
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
              1.415E-06
                             0.000E+00
     392
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.590E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          2.638E-07
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
     394
              1.793E-06
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
0.000E+00
               1,989E-06
                             0.000E+00
                                            0.000E+00
                                                           2.954E-07
                                                                                        0.000E+00
                                                                                                      0 000E+00
     395
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
              2.250E-06
                             0.000E+00
                                            0.000E+00
                                                          3 363E-07
                                                           3.803E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
     397
              2.511E-06
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           4.294E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
              2.788E-06
                             0.000E+00
     398
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                           4.690E-07
4.937E-07
                                                                         0.000E+00
               3.000E-06
                             0.000E+00
                                            0.000E+00
     399
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
     400
              3 131E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
     401
               3.194E-06
                             0.000E+00
                                            0.000E+00
                                                           5.077E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
               3.085E-06
                             0.000E+00
                                            0.000E100
                                                           4.926E-07
4.449E-07
                                                                         0.000E+00
     402
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
     403
              2.768E-06
                             0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                           4.030E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     404
              2.494E-06
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
               2.324E-06
                             0.000E+00
                                            0.000E+00
                                                           3.769E-07
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0 000E+00
                                                           3.931E-07
                                                                         0.000E+00
                                                                                        0.000E+00
     406
               2.457E-06
                             0.000E+00
                                            0.000E+00
```

GOLDEN QUEEN Input File:	MINING - S g:\ace\GQ91	OLEDAD MTN P \GQPACE.DAT	ROJECT - ALL O	RECEPTORS, utput File:	1991 MET, PM g:\ace\GQ91\	10 * GQPACE.OUT	OUTPUT OF AM	MI/SBCAPCD AC 11/07/95		VERS. 93288 * Page - 147
407 408 409 410 411 412 413 414	8:\ace\GQ91 2.672E-06 2.786E-06 2.786E-06 2.397E-06 1.512E-06 1.512E-06 1.304E-06 1.304E-06 1.36E-06 1.006E-07 7.909E-07 6.898E-07 1.348E-06 1.496E-06 1.675E-06 1.804E-06 2.120E-06 2.120E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.722E-06 3.504E-06	0.000E+00	0.000E+00 0.000E+00	4.211E-07 4.347E-07 4.347E-07 3.719E-07 3.231E-07 2.346E-07 2.346E-07 1.757E-07 1.554E-07 1.354E-07 1.219E-07 1.219E-07 2.453E-07 2.179E-07 2.179E-07 2.179E-07 2.179E-07 2.1453E-07 2.168E-07 4.168E-07 4.848E-07 5.812E-07 1.637E-07 1.696E-07 4.696E-07 4.696E-07 4.696E-07 4.696E-07 4.696E-07 4.696E-07 1.637E-07 1.637E-07 1.865E-07 1.637E-07 1.228E-07 1.228E-07 1.255E-07 1.255E-07 1.255E-07	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
453 454 455 456 457 458	2.291E-06 2.601E-06 3.040E-06 3.604E-06 4.167E-06 4.508E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	3.375E-07 3.866E-07 4.565E-07 5.503E-07 6.470E-07 7.142E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
GOLDEN QUEEN Input File:	N MINING - S g:\ace\GQ91	SOLEDAD MTN I L\GQPACE.DAT	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, Pt g:\ace\GQ91		OUTPUT OF A	11/07/95	5 09:41:42	_
459 460 461 462 463 464 465 467 468 469 470 471 472 473 475 476 477 478 479 480 481 482 483 484 485 486 487 491 492 493 494 496	4.722E-06 4.405E-06 4.001E-06 3.677E-06 3.745E-06 3.745E-06 3.720E-06 3.720E-06 2.74E-06 2.243E-06 1.519E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 2.363E-07 6.121E-07 5.576E-07 6.121E-07 1.599E-06 1.815E-06 1.815E-06 2.409E-06 2.865E-06 2.146E-06 5.116E-06 5.124E-06 4.857E-06 4.857E-06 4.857E-06 3.937E-06 2.596E-06 2.596E-06 2.596E-06 2.596E-06 2.596E-06 2.596E-06	0.000E+00	0.000E+00	7.547E-07 7.073E-07 6.487E-07 6.080E-07 6.080E-07 6.011E-07 6.302E-07 4.302E-07 2.367E-07 2.367E-07 2.367E-07 1.458E-07 1.458E-07 1.458E-07 1.458E-07 1.2565E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-09 9.565E-08 8.716E-07 9.565E-08 8.716E-07 9.565E-08 8.716E-07 9.565E-08 8.716E-07 9.565E-08 8.716E-07 7.139E-07 6.193E-07 7.139E-07 6.193E-07 7.139E-07 7.139E-07 6.160E-07 7.139E-07 6.160E-07 7.139E-07 6.162E-07 3.214E-07 2.623E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.00E+00	0.00E+00

```
0 000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
0.000E+00
                                                         2.176E-07
             1.396E-06
    497
                                                                                                                                                 0.000E+00
                                                         1.807E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.156E-06
9.586E-07
    498
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.504E-07
                                                                        0.000E+00
                                                                                       0.000E+00
    499
                                                                                                                                                 0 000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                         1.283E-07
                            0.000E+00
                                           0 000E+00
              8.169E-07
    500
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
                                                          1.131E-07
                                                                        0.000E+00
              7.198E-07
                            0 000E+00
    3501
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E100
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          1.022E-0/
                                                                        0.000E100
0.000E+00
              6.503E-07
                            0.000E+00
    502
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          9.404E-08
    503
              5.976E-07
                            0.000E+00
                                           0.000E±00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                          8.766E-08
                                                                        0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
    504
              5.571E-07
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          1.989E-07
                                                                        0.000E+00
              1 380E-06
    505
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
                                                         2.318E-07
2.704E-07
                            0.000E+00
                                           0 000E+00
              1.611E-06
    506
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E±00
                            0.000E+00
0.000E+00
    507
              1.873E-06
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0 000E+00
                                                                                                     0.000E+00
              2.147E-06
2.547E-06
                                           0.000E+00
                                                          3.119E-07
                                                                        0.000E+00
    508
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          3,713E-07
    509
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          4.402E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              2.986E-06
                            0.000E+00
                                                                                                                                                VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                  Page -
                                                                      g:\ace\GQ91\GQPACE.OUT
                                                       Output File:
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                          5.476E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                            0.000E+00
                                                          6.862E-07
                                                                        0.000E+00
    512
513
              4.517E-06
1.310E-05
                                                                                                      0.000E+00
                                                                                                                                   0 000E+00
                                                          1.908E-06
1.126E-06
                                                                                       0.000E+00
                                                                        0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
     514
              6.896E-06
                            0 000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.071E-06
                                                                        0.000E+00
                                                                                       0.000E+00
                            0.000E+00
    515
              6.680E-06
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
              6.070E-06
                             0.000E+00
                                           0.000E+00
                                                          9.563E-07
7.799E-07
    516
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                           0 000E+00
              4.965E-06
     517
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          6.269E-07
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
     518
              3.986E-06
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              3.046E-06
                             0.000E+00
                                           0.000E+00
                                                          4.798E-07
                                                                        0.000E+00
     519
                                                                                                                                                 0.000E+00
                                                          3.699E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.352E-06
                             0,000E+00
                                           0 000E+00
    520
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                          2.945E-07
                                                                        0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
                             0.000E+00
              1.878E-06
     521
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.353E-07
1.910E-07
              1.497E-06
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
     522
523
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
              1.211E-06
                                           0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                                                                                                    0.000E+00
                                                          1.596E-07
                                                                        0.000E+00
                                           0.000E+00
     524
              1.011E-06
8.717E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                          1.376E-07
1.231E-07
                                           0.000E+00
                                                                        0 000E+00
     525
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
0.000E+00
              7.801E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0 000E+00
     526
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          1.121E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
              7.102E-07
     527
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.032E-07
     528
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                          9.582E-08
                                                                        0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
              6.085E-07
                             0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                          8.955E-08
1.814E-07
2.176E-07
                                           0.000E+00
                                                                        0.000E+00
              5.692E-07
                             0.000E+00
     530
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              1.258E-06
                             0.000E+00
                                           0 000E+00
     531
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
              1.510E-06
                             0 000E+00
     532
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0,000E+00
                                                          2.602E-07
3.088E-07
                                           0.000E+00
                                                                        0 000E+00
                             0.000E+00
              1.808E-06
     533
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     534
              2.139E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
                                                          3.687E-07
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
              2.534E-06
3.095E-06
     535
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          4.528E-07
                                                                        0 000E+00
     536
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          5.671E-07
                                                                        0.000E+00
     537
              3.818E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
     538
              1.209E-05
1.117E-05
                             0 000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          1.785E-06
1.566E-06
                             0.000E+00
                                            0.000E+00
                                                                        0 000E+00
     539
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
              1.004E-05
                             0.000E+00
                                           0.000E+00
     540
                                                                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                          8.702E-07
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
              5.583E-06
3.723E-06
                             0.000E+00
     541
                                                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          5.901E-07
4.385E-07
                                                                        0 000E+00
     542
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0 000E+00
                                                                         0.000E+00
              2.774E-06
     543
                             0 000E+00
                                           0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                            0.000E+00
                                                          3.272E-07
                                                                         0.000E+00
                             0.000E+00
     544
              2.069E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
                                                          2.551E-07
2.064E-07
                                                                        0.000E+00
              1.609E-06
                             0.000E+00
     545
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                           0.000E+00
0.000E+00
     546
              1.302E-06
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                                          1.742E-07
                                                                         0.000E+00
                             0.000E+00
              1.100E-06
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
              9.637E-07
                             0.000E+00
                                            0.000E+00
                                                          1.523E-07
                                                                         0.000E+00
     548
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
              8.640E-07
7.856E-07
7.222E-07
                                                          1.364E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                           0.000E+00
0.000E+00
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                          1.238E-07
                                                                         0.000E+00
                             0.000E+00
     550
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
                                                          1.137E-07
1.053E-07
                                                                         0.000E+00
                             0.000E+00
     551
552
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
              6.691E-07
                             0 000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                          9.798E-08
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
                                           0.000E+00
     553
              6.237E-07
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
              5.842E-07
                                            0.000E+00
                                                          9.160E-08
                                                                         0.000E+00
                             0.000E+00
     554
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                          1.597E-07
1.906E-07
     555
              1.119E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0 000E+00
     556
              1.327E-06
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.330E-07
2.793E-07
3.425E-07
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                            0.000E+00
              1.617E-06
                             0.000E+00
     557
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                         0.000E+00
              1.933E-06
                                            0.000E+00
     558
                                                                                                                                    0.000E+00
              2.368E-06
2.958E-06
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.316E-07
                                                                         0.000E+00
                                                                                        0.000E+00
     560
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
              5.195E-06
                             0.000E+00
                                            0.000E+00
                                                          7.789E-07
     561
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
              8.474E-06
                             0.000E+00
                                            0.000E+00
                                                           1.306E-06
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                                                   Page -
                                                                                                                        11/07/95
                                                                                                                                      09:41:42
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                          3.714E-06
4.490E-06
3.959E-06
                                                                         0.000E+00
                                            0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                            0.000E+00
                                                                         0.000E+00
              3.013E-05
                             0.000E+00
     564
                                                                                                                                                  0.000E+00
              2.719E-05
5.506E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     565
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          8.644E-07
5.499E-07
3.836E-07
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
     566
                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
               3.476E-06
                             0.000E+00
                                            0.000E+00
     567
                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                            0.000E+00
     568
              2.417E-06
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                           2.863E-07
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
              1.800E-06
     569
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.317E-07
1.976E-07
                             0.000E+00
                                            0.000E+00
     570
               1.460E-06
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
               1.247E-06
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
0.000E+00
               1.098E-06
                             0.000E+00
                                                           1.739E-07
                                                                         0.000E+00
     572
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                           1.551E-07
                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
               9.799E-07
                             0.000E+00
                                            0.000E+00
     573
                                                           1.401E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0 000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
     574
               8.867E-07
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                           1.271E-07
1.154E-07
                                                                                        0.000E+00
0.000E+00
              8.064E-07
7.331E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     575
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
     576
                             0.000E+00
                                            0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0 000E+00
                                                           1.045E-07
               6.653E-07
6.036E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           9.471E-08
                                                                                        0.000E+00
     578
                                                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
               5.486E-07
9.389E-07
                             0.000E+00
                                            0.000E+00
                                                           8.595E-08
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                           1.334E-07
                                                                         0,000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     580
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       O.OOOE+UU
                                                                                                                     U.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                           1.574E-07
                                                                         0.000E+00
                                                                                        0.000E+00
               1.112E-06
                             U.000E+00
     581
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.860E-07
     582
               1.310E-06
                                                           2.273E-07
2.944E-07
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
               1.584E-06
2.037E-06
                             0.000E+00
0.000E+00
                                            0.000E+00
     583
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
```

3.855E-07

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0 000E+00

584

2.660E-06

```
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                       0.000E+00
                                          0.000E+00
0.000E+00
                                                         7.630E-07
    586
              5.139E-06
                            0.000E+00
                                                         1.323E-06
3.772E-06
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
             8.622E-06
2.542E-05
    587
                            0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                      0 000E+00
                                                                                                    0.000E+00
    588
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                       0.000E+00
              5.746E-06
                            0.000E+00
                                          0 000E+00
                                                         8.823E-07
    589
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
             2.803E-06
2.114E-06
1.718E-06
                                          0.000E+00
                                                         4.484E-07
                                                                       0.000E+00
    590
                            0.000E100
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                         3.371E-07
2.736E-07
                                                                       0 000E100
                                                                                      0_000E+00
                                                                                                    0.000E+00
                            0.000E+00
    591
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
0.000E+00
    592
                                          0.000E+00
                                                                                                                                                0.000E+00
                                          0.000E+00
                                                         2.303E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
    593
              1.449E-06
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                         1.974E-07
1.706E-07
              1.246E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
    594
                                                                                                                                                0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                            0.000E+00
0.000E+00
              1.080E-06
                                          0 000E+00
                                                                                                                                  0.000E+00
                                                         1.481E-07
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                     0 000E+00
    596
597
              9.393E-07
                                                                                                     0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
              8.209E-07
                            0.000E+00
                                          0.000E+00
                                                         1.292E-07
                                                                       0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0 000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                         1.137E-07
              7.230E-07
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                         1.008E-07
                                                                                      0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
              6.415E-07
5.760E-07
    599
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         9.045E-08
8.169E-08
                            0.000E+00
                                           0.000E+00
    600
                                                                                                                                  0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
              5.201E-07
                            0.000E+00
                                           0.000E+00
    601
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                         7.466E-08
                                                                       0.000E+00
                                                                                                     0.000E+00
              4.753E-07
7.806E-07
    602
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.129E-07
1.315E-07
                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
    603
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              9.109E-07
                            0.000E+00
                                           0.000E+00
    604
                                                                                                                   0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.593E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
              1.106E-06
1.353E-06
    605
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0 000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                         1.944E-07
2.424E-07
                            0.000E+00
                                           0.000E+00
    606
                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
              1.697E-06
                            0.000E+00
                                           0 000E+00
    607
                                                                                                                                  0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                         3.178E-07
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
    608
              2.225E-06
3.147E-06
                            0 000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         4.555E-07
                                                                       0.000E+00
    609
                                                         1.113E-06
5.792E-07
4.014E-07
3.084E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
              6.984E-06
                            0.000E+00
                                           0-000E+00
    610
                                                                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                            0.000E+00
    611
612
              3.624E-06
2.522E-06
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0,000E+00
                                                                                                                   0 000E+00
                                                                                                                                  0.000E+00
                            0 000E+00
              1.945E-06
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                                                         2.457E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
              1.554E-06
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                               VERS. 93288 7
                                                                                                                       11/07/95
                                                                      g:\ace\GQ91\GQPACE.OUT
                                                                                                                                    09:41:42
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                 Page
                                                       Output File:
                                                                                                                                                0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                         2.005E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                            0.000E+00
              1.269E-06
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                      0.000E+00
0.000E+00
              1.067E-06
                            0.000E+00
                                                         1.686E-07
1.447E-07
                                                                       0.000E+00
    616
617
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
              9.156E-07
                            0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.270E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                            0.000E+00
    618
              8.032E-07
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
              7.170E-07
                            0.000E+00
                                           0.000E+00
                                                         1.134E-07
                                                                       0.000E+00
     619
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                         1.027E-07
9.394E-08
                                                                        0.000E+00
              6.491E-07
                                           0.000E+00
0.000E+00
                            0.000E+00
     620
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
              5.942E-07
5.476E-07
                            0.000E+00
     621
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                     0.000E+00
                                                         8.656E-08
                                                                        0.000E+00
                                                                                      0.000E+00
                            0.000E+00
                                           0.000E+00
     622
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
0.000E+00
                                                         8.048E-08
7.707E-08
                                                                        0.000E+00
              5.094E-07
                                           0.000E+00
     623
                                                                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
    624
625
              4.900E-07
7.038E-07
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.008E-07
                                                                        0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                         1.117E-07
     626
              7.786E-07
8.711E-07
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.254E-07
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.467E-07
1.828E-07
                                           0.000E+00
                                                                        0.000E+00
              1.015E-06
                            0.000E+00
     628
                                                                                                                                                0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
              1.261E-06
                            0.000E100
                                           0.000E100
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                         2.461E-07
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
              1.696E-06
2.451E-06
    630
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                         3.561E-07
5.880E-07
7.284E-07
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
     631
                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              4.041E-06
4.503E-06
                                           0.000E+00
     632
                            0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                            0.000E+00
     633
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
                                                         4.501E-07
3.332E-07
                                                                        0.000E+00
     634
              2.806E-06
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                      0.000E+00
                                           0.000E+00
     635
              2.087E-06
                            0 000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          2.624E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0 000E+00
              1.650E-06
     636
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         2.155E-07
                                                                                      0.000E+00
                                                                                                     0.000E+00
              1.359E-06
                                                                        0.000E+00
     637
                             0.000E+00
                                           0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
              1.158E-06
                                                          1.834E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          1.589E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.00E+00
              1.004E-06
     639
                                                                                                     0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          1.394E-07
                                                                        0.000E+00
                                                                                      0.000E+00
              8.828E-07
     640
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                          1.238E-07
                                                                        0.000E+00
              7.856E-07
7.079E-07
                             0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.114E-07
                             0.000E+00
     642
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.010E-07
9.228E-08
                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0 000E+00
              6.426E-07
     643
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
              5.879E-07
                             0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          8.479E-08
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              5.407E-07
5.019E-07
     645
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          7.862E-08
7.307E-08
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                             0.000E+00
     646
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              4.667E-07
                             0.000E+00
                                           0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          8.271E-08
                                                                        0.000E+00
                                                                                      0.000E+00
              5.753E-07
6.417E-07
     648
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          9.251E-08
                                                                                      0.000E+00
     649
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          1.050E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              7.255E-07
                             0.000E+00
                                           0.000E+00
     650
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                          1.218E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
     651
              8 379E-07
                             0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.474E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.010E-06
                             0.000E+00
     652
                                                         1.835E-07
2.448E-07
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                       0.000E+00
                                                                        0.000E+00
     653
              1.252E-06
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                        0.000E+00
              1.665E-06
                             0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          3.734E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              2.521E-06
     655
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          1.521E-06
9.716E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
              9.680E-06
                             0.000E+00
                                           0.000E+00
     656
                                                                                                                                                0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
     657
              6.023E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
              3.581E-06
2.395E-06
                             0.000E+00
                                           0.000E+00
                                                          5.782E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0 000E+00
     658
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                          3.843E-07
2.836E-07
                                                                        0.000E+00
0.000E+00
                                                                                                     0.000E+00
     659
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
              1.782E-06
                             0.000E+00
                                           0.000E+00
     660
                                                                                                                   0.000E+00
                                                          2.238E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.415E-06
                             0.000E+00
                                           0.000E+00
     661
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
              1.170E-06
                                           0.000E+00
                                                          1.845E-07
1.576E-07
                                                                        0 000E+00
                                                                                       0.000E+00
                             0.000E+00
     662
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
              1.001E-06
                             0.000E+00
                                           0 000E+00
     663
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                                          1.451E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
              9.337E-07
     664
665
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          1.246E-07
                                                                                                     0.000E+00
              7.992E-07
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0 -000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.073E-07
              6.848E-07
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                       11/07/95
                                                                                                                                    09:41:42
                                                                                                                                                  Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                 0.000E+00
                                                          9.660E-08
8.761E-08
                                                                                       0 000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                             0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
              5.605E-07
5.133E-07
                             0,000E+00
                                           0.000E+00
     668
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                             0,000E+00
                                           0.000E+00
                                                          8.013E-08
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
     669
670
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
              4.741E-07
                                           0.000E+00
                                                          7.393E-08
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
              4.408E-07
                             0.000E+00
                                           0.000E+00
                                                          6.867E-08
                                                                        0.000E+00
     671
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                           0.000E+00
                                                          6.410E-08
7.356E-08
                                                                                                     0.000E+00
     672
673
              4.118E-07
5.077E-07
                            0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                                                 0.000E+00
                                            0.000E+00
                                                                        0 000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
```

8.221E-08

0.000E+00

5.672E-07

0.000E+00

```
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              6.430E-07
                            0.000E+00
0.000E+00
                                                          9.352E-08
                                           0.000E+00
    675
                                                          1.095E-07
1.315E-07
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
    676
677
              7.471E-07
8.920E-07
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       n 000E+00
                                                                                                                      0 000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
                                                          1.667E-07
              1.137E-06
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0 000E+00
                             0.000E100
                                            0.000E+00
                                                           2.242E-07
                                                                         0.000E+00
    679
              1.526E-06
                                                                                                                                                   0.000E+00
                                                          3.044E-07
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E100
0.000E+00
                                                                                                       0.000E+00
    680
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                           5.814E-07
              3.891E-06
7.588E-06
                             0.000E+00
                                            0 000E+00
                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.100E-06
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
    682
                                                                                                       0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    683
              7.944E-06
                             0.000E+00
                                            0.000E+00
                                                          1.154E-06
                                            0.000E+00
                                                          1.093E-06
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              7.175E-06
                             0 000E+00
    684
                                                                                                                                                   0.000E+00
                                                          7.053E-07
4.956E-07
3.572E-07
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
              4.435E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0 000E+00
    685
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
              3.103E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
    687
              2.238E-06
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                          2.674E-07
2.094E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              1.677E-06
                             0.000E+00
                                                                         0.000E+00
                                                                                                       0 000E+00
    688
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.318E-06
                             0.000E+00
                                            0.000E+00
    689
                                                          1.742E-07
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
    690
              1.099E-06
                             0.000E+00
              9.382E-07
8.142E-07
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.484E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
    691
692
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                                          1.286E-07
1.146E-07
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
              7.262E-07
6.477E-07
    693
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          1.020E-07
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
    694
                                                                                                                                                   0.000E+00
                                                          9.142E-08
8.295E-08
7.569E-08
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
    695
              5.810E-07
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    696
              5.279E-07
                             0 000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
              4.823E-07
    697
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                          6.930E-08
6.376E-08
              4.424E-07
                             0.000E+00
                                            0.000E+00
0.000E+00
    698
                             0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
    699
              4.080E-07
                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
              4.221E-07
                             0.000E+00
                                                          6.494E-08
7.393E-08
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
    700
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
    701
              5.062E-07
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                           8.480E-08
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              5.793E-07
    702
                                                                                                                                     0.000E+00
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0 000E+00
              6.841E-07
7.959E-07
                                            0.000E+00
                                                           9.959E-08
                                                                         0 000E+00
                                                                                                       0.000E+00
    703
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                                                                     0.000E+00
                                                          1.154E-07
                                            0.000E+00
0.000E+00
    704
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                           1.338E~07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
              9.197E-07
    705
                                                          1.571E-07
1.873E-07
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
              1.077E-06
                             0.000E+00
                                            0.000E+00
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
    706
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.268E-06
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
0.000E+00
                             0.000E+00
    707
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                             0.000E+00
                                                           2.699E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
    70B
              1.809E-06
    709
                             0.000E+00
                                            0.000E+00
                                                          4.857E-07
7.409E-07
                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    710
              5.078E-06
5.694E-06
                             0 000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                           8.416E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
    711
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              5.326E-06
                             0.000E+00
                                            0.000E+00
                                                           8.071E-07
                                                                         0.000E+00
                                                           5.838E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
    713
714
              3.752E-06
2.784E-06
                             0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.384E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0 000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                          3.321E-07
2.637E-07
                                                                                                       0.000E+00
    715
              2.103E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    716
717
              1.657E-06
1.286E-06
                             0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                            0.000E+00
                                                           2.046E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.060E-06
                             0.000E+00
                                            0.000E+00
                                                           1.678E-07
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                        1991 MET, PM10
g:\ace\GQ91\GQPACE.OUT
                                                                                                      OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                  VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                                                                          11/07/95
                                                                                                                                       09:41:42
                                                                                                                                                     Page
 nout File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File:
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                           1.402E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0 000E+00
              8.876E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    720
721
722
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
              7.748E-07
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                          1.221E-07
1.086E-07
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              6.912E-07
6.191E-07
                             0.000E+00
                                                                                                                                     0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           9.714E-08
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              5.623E-07
5.185E-07
4.787E-07
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           8 819E-08
                                                                         0.000E+00
     723
                                                           8.129E-08
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
    724
725
                                            0.000E+00
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           7.510E-08
                                                                         0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                           6.966E-08
                                                                         0.000E+00
     726
              4.438E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                          6.443E-08
5.961E-08
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    727
728
              4.102E-07
3.795E-07
                                            0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                           8.375E-08
                                                                                        0.000E+00
     729
              5.796E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                           9.208E-08
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
    730
731
              6.367E-07
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
              6.924E-07
                                                           1.002E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                           1.101E-07
1.176E-07
              7.627E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
    733
734
              8.095E-07
                             0.000E+00
                                            0.000E+00
                                                           1.346E-07
              9.164E-07
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
                                                           1.666E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
    735
              1.123E-06
                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                    0.000E+00
              1.787E-06
                                                           2.631E-07
4.243E-07
5.734E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              2.880E-06
3.908E-06
    737
                                                                                                                                     0 000E+00
     738
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              4.238E-06
                             0.000E+00
                                            0.000E+00
                                                           6.314E-07
6.347E-07
                                                                         0.000E+00
     739
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
    740
              4.234E-06
3.249E-06
                             0.000E+00
                                            0.000E+00
                                                           4.993E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
    741
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                           4.685E-07
              3.088E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                           3.337E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                             0.000E+00
    743
              2.158E-06
                                                                                                                                     0.000E+00
     744
              1.568E-06
                             0.000E+00
                                            0.000E+00
                                                           2.468E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           2.051E-07
1.665E-07
                                                                         0.000E+00
0.000E+00
    745
              1.299E-06
                             0 000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                             0.000E+00
    746
              1.047E-06
                                                                                                                                                    0.000E+00
              8.784E-07
7.594E-07
     747
                             0.000E+00
                                            0.000E+00
                                                           1.396E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                       0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.200E-07
                                                                                        0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                           1.041E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
     749
              6.628E-07
5.920E-07
                             0.000E+00
     750
                                                           9.281E-08
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
              5.380E-07
                             0.000E+00
                                            0.000E+00
                                                           8.423E-08
7.680E-08
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              4.915E-07
4.548E-07
     752
                             0 000E+00
                                                           7.093E-08
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0 000E+00
                             0.000E+00
                                            0.000E+00
     753
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           6.673E-08
6.732E-08
5.971E-08
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
              4.286E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                         0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     755
              4.364E-07
                             0.00000
                                            0.00E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              3.830E-07
                             0.000E+00
                                            0.000E+00
     756
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
               5.828E-07
                             0.000E+00
                                            0.000E+00
                                                           8.403E-08
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           8.953E-08
                                                                                                       0.000E+00
     758
              6.211E-07
                             0.000E+00
                                            0 DOOE+00
                                                                                                       0.000E+00
                                                           9.034E-08
                                                                          0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                                                         0.000E+00
                             0.000E+00
     759
              6.265E-07
              6.495E-07
7.146E-07
                                            0.000E+00
                                                                                                                                                    0 000E+00
                                                           9.413E-08
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
     760
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           1-041E-07
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.00E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
                                                           1.214E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
    762
              8.240E-07
                                                                          0.000E+00
     763
                                            0.000E+00
                                                           1.776E-07
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
              1.205E-06
                             0.000E+00
                                                                                                                                                    0.000E+00
                                                           2.493E-07
3.730E-07
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.695E-06
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
    765
766
              2.535E-06
3.239E-06
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           4.760E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              3.377E-06
                             0.000E+00
                                            0.000E+00
                                                           5.042E-07
                                                                          0.000E+00
                                                                                         0.000E+00
```

```
0.000E+00
0.000E+00
                                                                5.028E-07
4.748E-07
4.428E-07
                                                                                 0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
            3.347E-06
3.130E-06
2.915E-06
                             0.000E+00
 768
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                             0.000E+00
0.000E+00
 769
770
                                                                                 0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                                         0 000E+00
EN QUEEN MINING - GOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *t File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
at File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                          11/07/95
                                                                                                                                                         09:41:42
                                                                                                                                                                          Page -
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                               0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                                         0.000E+00
                             0.000E+00
            2.926E-06
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
 772
773
                                                                2.899E-07
2.361E-07
                                                                                 0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
            1.878E-06
                             0.000E+00
                                               0.000E+00
            1.522E-06
                             0.000E+00
                                               0.000E+00
                                                                 1,982E-07
                                                                                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
 774
775
            1.265E-06
                                                                                                                                                                         0.000E+00
0.000E+00
            1.062E-06
                             0.000E+00
                                               0.000E+00
                                                                 1.672E-07
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
            8.958E-07
7.604E-07
                             0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
                                                                1.411E-07
1.201E-07
 776
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
 777
778
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                1.049E-07
9.221E-08
                                                                                 0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
            6.621E-07
                                               0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
            5.845E-07
                                               0.000E+00
            5.247E-07
4.804E-07
                                                                8.229E-08
7.500E-08
6.856E-08
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
 780
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
 781
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                               0.000E+00
            4.400E-07
 782
                                                                 6.390E-08
            4.115E-07
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
 783
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                6.862E-08
5.553E-08
            4.514E-07
                              0.000E+00
                                               0.000E+00
 784
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                                               0.000E+00
            3.579E-07
                             0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
            5.396E-07
5.353E-07
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                               0.000E+00
                                                                 7.756E-08
                                                                                                                                      0.000E+00
 786
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                7.737E-08
7.669E-08
 787
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                               0.000E+00
                              0.000E+00
0.000E+00
             5.303E-07
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
            5.938E-07
6.574E-07
                                               0.000E+00
                                                                 8.599E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
 789
                                                                9.631E-08
1.294E-07
                                                                                 0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                               0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                              0.000E+00
 791
            8.804E-07
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                 1.745E-07
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
            1.199E-06
 792
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                                                                2.397E-07
3.384E-07
             1.631E-06
 793
                              0.000E+00
                                               0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                               0.000E+00
            2.308E-06
2.732E-06
 794
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0 000E+00
 795
                              0.000E+00
                                               0.000E+00
                                                                 4.020E-07
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                 4.157E-07
4.084E-07
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
            2.786E-06
2.715E-06
                                               0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
 797
            2.600E-06
2.451E-06
                                                                 3.924E-07
3.724E-07
3.308E-07
                                                                                 0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
 798
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
 799
                              0.000E+00
                                               0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                               0.000E+00
            2.172E-06
1.798E-06
                              0.000E+00
 800
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                                 2.750E-07
                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
 801
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                 2.265E-07
1.905E-07
                                                                                  0.000E+00
0.000E+00
             1.476E-06
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
 803
            1.231E-06
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                 1.653E-07
                                                                                  0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
             1.062E-06
 804
                                                                                                                                       0.000E+00
                                                                 1.411E-07
1.212E-07
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
             8.986E-07
                              0.000E+00
                                                0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
             7.702E-07
                              0.000E+00
                                                0.000E+00
 806
                                                                                                   0.000E+00
0.000E+00
0.000E+00
 807
             6.671E-07
                              0.000E+00
                                                0.000E+00
                                                                 1.048E-07
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0 000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
 808
            5.942E-07
5.252E-07
                              0.000E+00
                                                0.000E+00
                                                                 9.349E-08
8.283E-08
                                                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
 809
                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
             4.715E-07
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                 7.421E-08
                                                                                                                     0.000E+00
 810
                                                                 6.807E-08
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
            4.342E-07
4.025E-07
 811
                              0.000E+00
                                                                 6.283E-08
5.795E-08
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
 812
             3.729E-07
                              0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                                                 5.337E-08
             3 445E-07
                              0 000E+00
                                               0.000E+00
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	Zn	NTXPM		
1	0.000E+00	2.046E-01		
2	0.000E+00	2.074E-01		
3	0.000E+00	2.062E-01		
4	0,000E+00	3.352E-01		
5	0.000E+00	3.333E-01		
2 3 4 5 6 7	0.000E+00	3.012E-01		
7	0.000E+00	2.344E-01		
8	0.000E+00	2.440E-01		
9	0.000E+00	2.546E-01 4.142E-01		
10 11	0.000E+00 0.000E+00	1.196E-01		
12	0.000E+00	4.971E-01		
13	0.000E+00	3.638E-01		
14	0.000E+00	3.700E-01		
15	0.000E+00	3.711E-01		
16	0.000E+00	4,224E-01		
17	0.000E+00	1.407E-01		
18	0.000E+00	2.350E-01		
19	0.000E+00	2.568E-01		
20	0.000E+00	3.357E-01		
21	0.000E+00	1.962E-01		
22	0.000E+00	1.892E-01		
23	0.000E+00	1.805E-01		
24	0.000E+00	1.708E-01		
25 26	0.000E+00 0.000E+00	1.597E-01 1.829E-01		
20	O . GOOD TOO	1.0275 01		

```
0.000E+00
                                    1.721E-01
1.559E-01
1.702E-01
       27
28
                  0.000E+00
                  0.000E+00
       30
31
32
                                    1.836E-01
                  0.000E+00
                  0.000E+00
0.000E+00
                                    1,979E-01
                                    2.155E-01
1.999E-01
1.805E-01
       33
                  0.000E+00
0.000E+00
                                    2.267E-01
2.812E-01
                  0.000E+00
       36
37
                  0.000E+00
                  0.000E+00
                                    4.119E-01
       38
                  0.000E+00
                                    3.981E-01
                                    3.850E-01
       39
                  0.000E+00
                                    4.064E-01
4.795E-01
                  0.000E+00
       40
                  0.000E+00
       42
                  0.000E+00
                                    4.112E-01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                        11/07/95
                                                                                                                                                                       09:41:42 Page -
                  0.000E+00
0.000E+00
0.000E+00
                                    4.027E-01
3.012E-01
2.569E-01
        45
                  0.000E+00
                                    4.048E-01
                  0.000E+00
                                    5.062E-01
5.495E-01
                  0.000E+00
                  0.000E+00
0.000E+00
                                    5.355E-01
5.232E-01
       49
50
51
52
53
54
55
56
                  0.000E+00
                  0.000E+00
0.000E+00
                                    4.890E-01
4.538E-01
                  0.000E+00
                                    3.810E-01
                                    3.309E-01
2.943E-01
2.645E-01
2.412E-01
2.360E-01
                  0.000E+00
0.000E+00
        57
58
59
                  0.000E+00
                  0.000E+00
0.000E+00
                                    2.547E-01
2.527E-01
2.776E-01
                  0.000E+00
       61
62
                  0.000E+00
        63
                  0.000E+00
                                     3.084E-01
       64
                  0.000E+00
0.000E+00
                                    3.483E-01
4.050E-01
                                    4.567E-01
5.472E-01
                  0.000E+00
       67
68
                  0.000E+00
0.000E+00
                                    5.472E-01
6.852E-01
9.340E-01
1.270E+00
1.044E+00
7.014E-01
5.819E-01
4.849E-01
                  0.000E+00
                  0.000E+00
       70
71
72
73
74
75
77
78
                  0.000E+00
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                    6.148E-01
6.164E-01
7.979E-01
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                    7.979E-01
7.763E-01
6.070E-01
4.710E-01
3.700E-01
2.926E-01
3.577E-01
                  0.000E+00
        79
80
                  0.000E+00
                  0.000E+00
                  0.000E+00
        82
                  0.000E+00
        83
                  0.000E+00
                  0.000E+00
                                     3.861E-01
                  0.000E+00
                                    3.503E-01
4.015E-01
        85
                  0.000E+00
        86
                  0.000E+00
                                     4.026E-01
                                    4.791E-01
3.670E-01
        88
                  0.000E+00
                  0.000E+00
        89
                  0.000E+00
                                     4.143E-01
        91
                  0.000E+00
                                     5.295E-01
5.287E-01
                  0.000E+00
        92
                  0.000E+00
                                     5.460E-01
                  0.000E+00
                                     5.669E-01
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                        11/07/95
                                                                                                                                                                       09:41:42
                                                                                                                                                                                        Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                  0.000E+00
                                     5.936E-01
7.031E-01
8.828E-01
                  0.000E+00
        97
                  0.000E+00
        98
                  0.000E+00
                                     1.114E+00
1.129E+00
8.955E-01
                  0.000E+00
                  0.000E+00
      100
                  0.000E+00
      101
      102
                  0.000E+00
                                     6.994E-01
                                     6.951E-01
6.448E-01
                  0.000E+00
      103
                  0.000E+00
      104
                  0.000E+00
                                     6.022E-01
                                    5.954E-01
5.884E-01
      106
                  0.000E+00
                  0.000E+00
      107
       108
                  0.000E+00
                                     1.143E+00
      109
                  0.000E+00
                                     8,824E-01
7,121E-01
                  0.000E+00
      110
      111
112
                  0.000E+00
                                     8.260E-01
                                     1.061E+00
1.272E+00
2.318E+00
                  0.000E+00
      113
                  0.000E+00
                   0.000E+00
```

1.622E+00

```
1.055E+00
     116
117
                0 000E+00
                                1.379E+00
2.446E+00
                0.000E+00
     118
                0.000E+00
                                1.035E+00
                0.000E+00
     119
                0.000E+00
                                9.992E-01
1.182E+00
     121
122
                0.000E+00
                0.000E+00
     123
                0.000E+00
                                2.092E+00
                                1.798E+00
     124
                0.000E+00
                                2.558E+00
3.928E+00
                0.000E+00
     125
     126
                0.000E+00
                                 4.403E+00
     127
                0.000E+00
                                3.326E+00
                0.000E+00
     128
                                1.996E+00
1.680E+00
     129
                0.000E+00
                0.000E+00
     130
131
                0.000E+00
                                 1.833E+00
                                3.697E+00
5.130E+00
     132
                0.000E+00
                0.000E+00
     133
                                5.615E+00
2.653E+00
1.676E+00
                0.000E+00
     134
135
                0.000E+00
     136
137
                0.000E+00
                                 1.741E+00
                0.000E+00
                0.000E+00
0.000E+00
                                1.605E+00
1.911E+00
     139
                                 1.700E+00
                0.000E+00
     140
                                 1.863E+00
1.270E+00
     141
                0.000E+00
                0.000E+00
     142
     143
                0.000E+00
                                 9.027E-01
                                8.754E-01
7.311E-01
                0.000E+00
                0.000E+00
     145
                0.000E+00
                                 6.731E-01
     146
                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                        11/07/95 09:41:42 Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                0.000E+00
                                 5.923E-01
5.159E-01
4.515E-01
     148
                0.000E+00
     149
150
                0.000E+00
0.000E+00
      151
                0.000E+00
                                 4.739E-01
                                 5.042E-01
     152
153
                0.000E+00
0.000E+00
                                 4.352E-01
                0.000E+00
                                 3.890E-01
                                 3.536E-01
3.938E-01
                0.000E+00
     155
                0.000E+00
     156
                 0.000E+00
                                 4.300E-01
     158
159
                                 4.074E-01
                0.000E+00
                0.000E+00
                                 3.889E-01
                                 3.445E-01
3.260E 01
                 0.000E+00
      160
     161
162
                U.UUUE+00
0.000E+00
                                 4.144E-01
5.148E-01
5.890E-01
                0.000E+00
      164
165
                0.000E+00
0.000E+00
                                 5.557E-01
4.371E-01
                0.000E+00
0.000E+00
      167
                0.000E+00
                                 3.406E-01
      168
                                 2.864E-01
2.960E-01
                0.000E+00
      170
171
                0.000E+00
0.000E+00
                                 3.095E-01
                 0.000E+00
                                 3.138E-01
                                 3.112E-01
      173
                0.000E+00
0.000E+00
                                 3.680E-01
      174
175
                 0.000E+00
                                 4.387E-01
      176
177
178
179
                                 5.646E-01
6.468E-01
6.008E-01
                 0.000E+00
                 0.000E+00
                 0.000E+00
                                 6.616E-01
7.841E-01
                 0.000E+00
                0.000E+00
0.000E+00
      180
                                 8.625E-01
      181
                0.000E+00
0.000E+00
                                 6.449E-01
4.696E-01
      182
      183
                                 3.501E-01
2.904E-01
2.993E-01
      184
                 0.000E+00
      185
                 0.000E+00
                 0.000E+00
      186
                 0.000E+00
                                 2.992E-01
      187
                 0.000E+00
                                 3.058E-01
                                 3.112E-01
2.732E-01
      189
                 0.000E+00
                 0.000E+00
      190
                 0.000E+00
                                 2.438E-01
                                 2.185E-01
1.371E+00
      192
                 0.000E+00
                 0.000E+00
      193
                 0.000E+00
                                  1.246E+00
      195
                 0.000E+00
                                 1.186E+00
                                  1.162E+00
                 0.000E+00
      196
                 0.000E+00
                                 1.154E+00
1.129E+00
      198
                 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                         11/07/95 09:41:42 Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                 0.000E+00
                                 1.123E+00
      200
                 0.000E+00
                                 1.038E+00
9.683E-01
9.604E-01
      201
202
                 0.000E+00
0.000E+00
      203
                 0.000E+00
                 0.000E+00
                                 1.567E+00
      204
```

```
205
              0.000E+00
                                  1.421E+00
              0.000E+00
                                  1.376E+00
  206
                                  1.381E+00
  207
              0.000E+00
              0.000E+00
                                  1.336E+00
 208
               0.000E+00
                                  1.298E+00
1.344E+00
 210
211
              0.000E+00
0.000E+00
                                   1.487E+00
  212
               0.000E+00
                                  1.175E+00
              0.000E+00
0.000E+00
0.000E+00
                                  1.059E+00
                                  1.077E+00
1.747E+00
1.601E+00
 214
215
              0.000E+00
0.000E+00
0.000E+00
  216
                                  1.608E+00
1.680E+00
1.615E+00
  217
  218
              0.000E+00
0.000E+00
  219
220
                                   1.544E+00
                                  1.846E+00
1.790E+00
              0.000E+00
0.000E+00
  221
  222
  223
               0.000E+00
                                   1.307E+00
              0.000E+00
0.000E+00
0.000E+00
                                   1.185E+00
1.318E+00
  224
  225
226
                                   1.446E+00
1.363E+00
1.767E+00
  227
               0.000E+00
0.000E+00
  228
               0.000E+00
                                   1.536E+00
  229
               0.000E+00
0.000E+00
0.000E+00
                                   1.521E+00
1.929E+00
  230
  231
232
                                   1.868E+00
                                  1.544E+00
1.629E+00
2.540E+00
1.782E+00
1.809E+00
               0.000E+00
0.000E+00
  233
  234
               0.000E+00
  236
               0.000E+00
0.000E+00
  237
                                   2.170E+00
1.988E+00
2.616E+00
  238
               0,000E+00
               0.000E+00
0.000E+00
  239
  240
                                   2.300E+00
3.001E+00
2.454E+00
2.817E+00
               0.000E+00
  242
243
               0.000E+00
0.000E+00
               0.000E+00
               0.000E+00
0.000E+00
                                   2.146E+00
9.405E-02
  245
  246
               0.000E+00
                                   1.053E-01
                                   1.167E-01
               0.000E+00
0.000E+00
  248
  249
               0.000E+00
                                   1.012E-01
DEN QUEEN MINING SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 (subjut File: g:\ace\GQ91\GQPACE.OUT)
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                               11/07/95 09:41:42
                                                                                                                                                                                                  Page -
ut File: g:\ace\GQ91\GQPACE.DAT
               0.000E+00
  252
253
254
               0.000E+00
0.000E+00
0.000E+00
                                   1.093E-01
1.145E-01
1.125E-01
                                   1.132E-01
1.144E-01
1.134E-01
               0.000E+00
0.000E+00
0.000E+00
  255
  256
257
               0.000E+00
0.000E+00
0.000E+00
                                   1.093E-01
1.019E-01
  258
  259
                                   9.158E-02
  260
                                   8.304E-02
7.729E-02
7.825E-02
                0.000E+00
  261
  262
               0.000E+00
0.000E+00
  263
                                   8.491E-02
9.378E-02
                0.000E+00
  265
               0.000E+00
0.000E+00
                                    1.066E-01
  266
                                   1.163E-01
1.215E-01
1.194E-01
                0.000E+00
  268
               0.000E+00
                0.000E+00
  269
                                    1.164E-01
1.159E-01
1.035E-01
                0.000E+00
  271
272
               0.000E+00
0.000E+00
                                   8.581E-02
7.428E-02
7.325E-02
8.124E-02
   273
                0.000E+00
                0.000E+00
               0.000E+00
  275
276
               0.000E+00
                                    8.783E-02
9.336E-02
9.960E-02
                0.000E+00
                0.000E+00
  278
279
                0.000E+00
                0.000E+00
                                    1.076E-01
1.158E-01
1.216E-01
   281
                0.000E+00
                0.000E+00
  282
   283
                0.000E+00
                                    1.221E-01
                                    1.261E-01
1.269E-01
   284
                0.000E+00
                0.000E+00
  285
                                    1.269E-01
1.260E-01
1.206E-01
1.110E-01
9.874E-02
9.057E-02
   286
                0.000E+00
                0.000E+00
0.000E+00
   287
   288
   289
                0.000E+00
   290
                0.000E+00
                0.000E+00
                                    8.652E-02
   291
                                    9.177E-02
1.009E-01
   292
                0,000E+00
                0.000E+00
  293
                                    1.112E-01
1.191E-01
1.236E-01
   294
                0.000E+00
                0.000E+00
0.000E+00
   296
```

1.218E-01

```
298
                    0.000E+00
                                        1.137E-01
                    0.000E+00
0.000E+00
                                        1.058E-01
9.514E-02
      299
      300
                    0.000E+00
                                        8.589E-02
      301
                    0.000E+00
                                        7.584E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10

**Input File: g:\ace\GQ91\GQPACE.DAT

Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 161
Input File: g:\ace\GQ91\GQPACE.DAT
                                        7.389E-02
7.954E-02
                    0.000E+00
0.000E+00
      304
      305
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                        8.782E-02
      306
                                        9.677E-02
1.055E-01
      307
      308
      309
                                        1.136E-01
                                        1.136E-01
1.252E-01
1.341E-01
1.372E-01
1.418E-01
1.425E-01
1.342E-01
1.215E-01
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
      310
      311
      313
      314
315
                    0.000E+00
      316
317
                   0.000E+00
0.000E+00
                                        1.085E-01
1.005E-01
                    0.000E+00
                   0.000E+00
0.000E+00
      319
320
                                        1.003E-01
1.007E-01
1.099E-01
1.202E-01
1.285E-01
                    0.000E+00
0.000E+00
0.000E+00
      322
       323
                    0.000E+00
0.000E+00
0.000E+00
                                        1.317E-01
1.268E-01
1.184E-01
       324
      325
       326
                                        1.184E-01
1.073E-01
9.629E-02
8.451E-02
7.499E-02
6.789E-02
6.114E-02
7.515E-02
8.432E-02
                    0.000E+00
0.000E+00
0.000E+00
      328
       329
       330
                    0.000E+00
                    0.000E+00
0.000E+00
      331
                    0.000E+00
      333
                    0.000E+00
0.000E+00
      334
                                         9.092E-02
                    0.000E+00
0.000E+00
0.000E+00
                                        1.013E-01
1.129E-01
       336
       337
                                        1.235E-01
                                        1.363E-01
1.486E-01
                    0.000E+00
0.000E+00
0.000E+00
       339
       340
                                         1.551E-01
                    0.000E+00
0.000E+00
0.000E+00
                                        1.609E-01
1.631E-01
      342
      343
                                        1.611E-01
1.501E-01
1.339E-01
       345
                    0.000E+00
                    0.000E+00
0.000E+00
       346
                                         1.214E-01
1.149E-01
                    0.000E+00
0.000E+00
0.000E+00
       348
                                         1.215E-01
       349
                                         1.329E-01
       350
                                         1.422E-01
1.454E-01
1.390E-01
                    0.000E+00
0.000E+00
0.000E+00
       351
       352
       354
                    0.000E+00
                                         1,267E-01
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                          11/07/95 09:41:42 Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00
                    0.000E+00
0.000E+00
0.000E+00
                                        1.002E-01
8.767E-02
7.719E-02
       357
       358
       359
                    0.000E+00
                                         6.918E-02
                                         6.203E-02
5.644E-02
                    0.000E+00
0.000E+00
       360
       361
                                         7.720E-02
                    0.000E+00
                                         8.643E-02
9.688E-02
                    0.000E+00
0.000E+00
       363
       364
                    0.000E+00
                                         1.056E-01
                                         1.195E-01
1.343E-01
                    0.000E+00
0.000E+00
       366
       367
                    0.000E+00
                                         1.498E-01
       368
       369
                    0.000E+00
                                         1.650E-01
1.766E-01
                    0.000E+00
       370
                    0.000E+00
                                         1.841E-01
                    0.000E+00
0.000E+00
                                         1.878E-01
1.841E-01
       372
       373
                    0.000E+00
                                         1.689E-01
                                         1.509E-01
1.382E-01
       375
                    0.000E+00
                    0.000E+00
0.000E+00
       376
       377
                                         1.380E-01
       378
                    0.000E+00
                                         1.490E-01
1.595E-01
       379
                    0.000E+00
0.000E+00
                                        1.635E-01
1.570E-01
       380
       381
                    0.000E+00
                    0.000E+00
                                         1.419E-01
       382
                    0.000E+00
       383
                                         1.081E-01
9.311E-02
                    0.000E+00
0.000E+00
       384
       385
```

8.154E-02

```
0.000E+00
                                       7.199E-02
      387
                                       6 401E-02
5 775E-02
5 202E-02
                   0.000E+00
0.000E+00
      388
      389
                   0.000E+00
                   0.000E+00
0.000E+00
                                       8.038E-02
      391
                                       8.885E-02
      392
                   0.000E+00
0.000E+00
0.000E+00
                                       1.003E-01
                                       1.133E-01
      394
      395
                                       1.270E-01
                   0.000E+00
0.000E+00
0.000E+00
                                       1.447E-01
1.640E-01
      397
                                       1.856E-01
      398
                                       2.032E-01
2.141E-01
2.204E-01
                    0.000E+00
      399
                   0.000E+00
0.000E+00
      400
      401
                                       2 140E-01
1 935E-01
1 754E-01
      402
                    0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
      403
      404
                                       1.641E-01
1.708E-01
                    0.000E+00
      406
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 163
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       1.826E-01
1.882E-01
1.798E-01
      408
      409
                                        1.609E-01
       410
                                        1.398E-01
      411
      412
                                        1.189E-01
                                        1.015E-01
8.743E-02
      414
415
                                        7.600E-02
                   0.000E+00
0.000E+00
0.000E+00
                                        6.717E-02
5.982E-02
       417
       418
                                        5.271E-02
                    0.000E+00
0.000E+00
0.000E+00
                                        4.605E-02
8.380E-02
       419
       420
                                       9 338E-02
1 052E-01
       421
                    0.000E+00
       422
                    0.000E+00
                                        1.188E-01
       423
                                        1.346E-01
1.556E-01
1.796E-01
                    0.000E+00
                    0.000E+00
0.000E+00
       425
       426
                                        2.094E-01
2.363E-01
2.551E-01
       427
                    0.000E+00
                    0.000E+00
0.000E+00
       428
       429
                                        2.648E-01
2.526E-01
2.287E-01
                    0.000E+00
       430
                    0.000E+00
0.000E+00
0.000E+00
       431
       432
                                        2.091E-01
       433
                                        2.091E-01
2.043E-01
2.150E-01
2.195E-01
2.106E-01
1.867E-01
                    0.000E+00
0.000E+00
0.000E+00
       434
       435
       436
                    0.000E+00
0.000E+00
       437
       438
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                        1.599E-01
1.328E-01
       439
       440
                                        1.116E-01
       441
                                        9.413E-02
8.067E-02
7.081E-02
                    0.000E+00
0.000E+00
0.000E+00
       443
       444
                                        6.165E-02
                                        5.312E-02
4.594E-02
       446
                    0.000E+00
                    0.000E+00
0.000E+00
       447
448
                                        4.028E-02
                                        8.444E-02
9.659E-02
                     0.000E+00
                    0.000E+00
0.000E+00
       450
                                        1.090E-01
       451
                     0.000E+00
                                        1.248E-01
1.449E-01
       453
                    0.000E+00
0.000E+00
                                        1.662E-01
       454
                                        1.966E-01
2.375E-01
2.800E-01
        455
                     0.000E+00
       456
457
                    0.000E+00
0.000E+00
                     0.000E+00
                                        3.099E-01
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, FM10 Nuput File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                     11/07/95 09:41:42 Page - 164
                     0.000E+00
                                        3.075E-01
2.824E-01
2.606E-01
2.613E-01
                     0.000E+00
       460
        461
                     0.000E+00
                     0 000E+00
       462
463
                     0.000E+00
                                        2.637E-01
2.517E-01
                     0.000E+00
                     0.000E+00
        465
                     0.000E+00
                                         2.211E-01
        466
                     0.000E+00
                                        1.863E-01
1.519E-01
        468
                     0.000E+00
                     0.000E+00
                                         1.245E-01
        469
                     0.000E+00
0.000E+00
                                         1.025E-01
8.700E-02
        471
                     0.000E+00
                                         7.434E-02
                     0.000E+00
0.000E+00
                                         6.310E-02
5.383E-02
```

```
4.142E-02
3.775E-02
8.684E-02
9.875E-02
       476
                     0.000E+00
       477
478
                     0,000E+00
                     0.000E+00
       479
                     0.000E+00
                                           1,127E-01
1,300E-01
1,518E-01
1,795E-01
       480
                     0.000E+00
0.000E+00
       481
       482
                     0.000E+00
       483
                     0.000E+00
                     0.000E+00
0.000E+00
                                           2.168E-01
       484
                                           2.671E-01
3.422E-01
3.973E-01
       485
                     0.000E+00
0.000E+00
       486
       487
                     0.000E+00
                                            3.636E-01
       488
                     0.000E+00
0.000E+00
                                           3.397E-01
3.358E-01
       489
       490
                      0.000E+00
                                            3.094E-01
       491
                                           2.669E-01
2.221E-01
                     0.000E+00
0.000E+00
       492
       493
                                           1.764E-01
1.392E-01
1.136E-01
                      0.000E+00
                     0.000E+00
0.000E+00
       495
       496
                                           9.423E-02
7.827E-02
                      0.000E+00
       498
                     0.000E+00
0.000E+00
       499
                      0.000E+00
                                            5.560E-02
       500
                                           4.901E-02
4.431E-02
4.077E-02
                     0.000E+00
0.000E+00
0.000E+00
       501
502
       503
                                           4.077E-02
3.800E-02
8.513E-02
9.919E-02
1.157E-01
1.336E-01
1.592E-01
                      0.000E+00
0.000E+00
       504
505
                      0.000E+00
0.000E+00
0.000E+00
       506
       507
       508
       509
                      0.000E+00
                                            1.890E-01
                      0.000E+00
       510
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 165
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                           2.355E-01
2.960E-01
       512
513
                                            8.177E-01
4.904E-01
4.655E-01
       514
515
                                            4.146E-01
3.380E-01
2.717E-01
       516
                      0.000E+00
                      0.000E+00
0.000E+00
       518
                      0.000E+00
                                            2.080E-01
                      0.000E+00
0.000E+00
0.000E+00
       520
                                            1.604E-01
1.276E-01
       521
                                            1.020E-01
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
       523
                                            8.282E-02
                                            6.924E-02
5.970E-02
5.341E-02
       524
525
       526
527
                                            4.861E-02
                     0.000E+00
0.000E+00
0.000E+00
                                            4.476E-02
4.154E-02
       529
530
                                            3.882E-02
7.764E-02
       531
                      0.000E+00
0.000E+00
0.000E+00
                                            9.312E-02
1.113E-01
       532
       533
534
                                            1.322E-01
1.580E-01
1.942E-01
2.438E-01
                      0.000E+00
       535
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
       536
537
                                            8.548E-01
7.757E-01
6.780E-01
       539
540
                                            3.767E-01
2.561E-01
1.902E-01
                      0.000E+00
       542
543
                      0.000E+00
0,000E+00
       544
545
546
                      0.000E+00
                                            1.420E-01
                                            1.107E-01
8.959E-02
7.556E-02
                      0.000E+00
0.000E+00
                      0,000E+00
       548
549
550
                      0.000E+00
0.000E+00
0.000E+00
                                            6.608E-02
5.914E-02
                                             5.370E-02
                                            4.931E-02
4.564E-02
       551
552
                      0.000E+00
0.000E+00
       553
                      0.000E+00
                                             4.247E-02
       554
555
                      0.000E+00
0.000E+00
                                            3,969E-02
                                            6.823E-02
8.151E-02
       556
                      0.000E+00
       557
                      0.000E+00
                                             9.971E-02
       558
559
                      0.000E+00
0.000E+00
                                            1.196E-01
1.466E-01
        560
                      0.000E+00
                                            1.850E-01
       561
                      0.000E+00
                                            3.353E-01
5.645E-01
                      0.000E+00
LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2580 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 166
                      0.000E+00
                                          1.616E+00
1.931E+00
       563
                      0.000E+00
       564
```

```
0.000E+00
0.000E+00
0.000E+00
                                       1.697E+00
3.746E-01
      565
566
                                       2.386E-01
1.665E-01
      568
                    0.000E+00
                                       1.243E-01
1.006E-01
8.574E-02
7.545E-02
      569
570
                    0.000E+00
                    0.000E+00
      571
572
                   0.000E+00
0.000E+00
                                       6.728E-02
6.076E-02
5.512E-02
5.001E-02
                   0.000E+00
0.000E+00
0.000E+00
      574
575
      576
                    0.000E+00
                                        4.531E-02
4.104E-02
                   0.000E+00
0.000E+00
      577
578
                                        3.724E-02
5.696E-02
                    0.000E+00
                    0.000E+00
      580
                                        6.717E-02
7.943E-02
9.721E-02
                    0.000E+00
       581
                    0.000E+00
                   0.000E+00
0.000E+00
       583
                                        1.260E-01
       584
                   0.000E+00
0.000E+00
                                        1.651E-01
3.280E-01
       586
                    0.000E+00
                                        5,713E-01
       587
                                        1.621E+00
3.812E-01
                   0.000E+00
0.000E+00
0.000E+00
       588
       589
                                        1.949E-01
       590
                                        1.464E-01
1.188E-01
      591
592
                   0.000E+00
0.000E+00
                                        9.997E-02
8.564E-02
7.402E-02
       593
                    0.000E+00
                    0.000E+00
0.000E+00
       594
       595
                    0.000E+00
                                        6.423E-02
                    0.000E+00
0.000E+00
       597
                                        5.603E-02
                                        4.927E-02
       598
                    0.000E+00
                                        4.368E-02
                                        3.920E-02
3.940E-02
3.236E-02
4.834E-02
5.631E-02
       600
                    0.000E+00
0.000E+00
       601
                    0.000E+00
                    0.000E+00
0.000E+00
       603
       604
                    0.000E+00
0.000E+00
0.000E+00
                                        6.814E-02
8.313E-02
       605
       606
       607
                                        1.036E-01
                                        1.358E-01
       608
                    0.000E+00
                    0.000E+00
0.000E+00
                                        1.950E-01
       609
                                        4.834E-01
2.517E-01
1.743E-01
1.338E-01
       610
                    0.000E+00
                    0.000E+00
0.000E+00
       612
       613
                    0.000E+00
                                        1.066E-01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                        11/07/95 09:41:42 Page -
                                        8.699E-02
7.313E-02
6.278E-02
5.509E-02
4.919E-02
                    0.000E+00
                    0.000E+00
0.000E+00
0.000E+00
       617
618
                    0.000E+00
0.000E+00
0.000E+00
       619
                                         4.453E-02
       620
       621
                                         4.075E-02
                    0.000E+00
0.000E+00
0.000E+00
                                        3.755E-02
       622
                                         3.491E-02
       623
       624
                                        3.341E-02
                                        4.311E-02
4.776E-02
                    0.000E+00
                    0.000E+00
       626
                                         5,365E-02
       627
       628
                    0.000E+00
                                         6,283E-02
                                        7.832E-02
1.054E-01
       629
                    0.000E+00
       630
                    0.000E+00
0.000E+00
                                        1.526E-01
2.520E-01
3.170E-01
       631
       632
                    0.000E+00
                    0.000E+00
0.000E+00
       633
634
                                         1.957E-01
                    0.000E+00
0.000E+00
0.000E+00
                                        1.447E-01
1.139E-01
       636
                                         9.352E-02
       637
                    0.000E+00
0.000E+00
0.000E+00
                                        7.958E-02
6.893E-02
       639
                                         6.045E-02
       640
                    0.000E+00
0.000E+00
0.000E+00
                                         5.370E-02
4.830E-02
       642
643
                                         4.378E-02
       644
                    0.000E+00
                                         3.999E-02
                    0.000E+00
0.000E+00
                                         3.674E-02
3.406E-02
       645
       646
                    0.000E+00
                                         3.166E-02
                    0.000E+00
0.000E+00
                                         3.538E-02
3.959E-02
       648
       649
       650
                    0.000E+00
                                         4.495E-02
                    0.000E+00
0.000E+00
0.000E+00
       651
                                         5.219E-02
6.320E-02
       652
       653
                                         7.871E-02
       654
655
                    0.000E+00
0.000E+00
0.000E+00
                                         1.051E-01
1.605E-01
6.592E-01
       656
                    0.000E+00
                                         4.227E-01
```

```
0.000E+00
0.000E+00
                                      2.515E-01
1.670E-01
      659
                                      1.231E-01
9.712E-02
      660
                   0.000E+00
      661
                   0.000E+00
                   0.000E+00
                                       8.002E-02
      662
                   0.000E+00
                                       6.830E-02
      663
                   0.000E+00
0.000E+00
                                      6.280E-02
5.394E-02
      665
                   0.000E+00
                                      4.648E-02
      666
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 168
                                                                                                                                                                 11/07/95 09:41:42 Page - 168
                                      4.185E-02
3.794E-02
3.470E-02
3.201E-02
                   0.000E+00
      667
                   0.000E+00
0.000E+00
       668
      669
670
                   0.000E+00
                                      2.973E-02
2.775E-02
3.150E-02
                    0.000E+00
                   0.000E+00
0.000E+00
      672
673
                                      3.521E-02
4.008E-02
4.700E-02
                   0.000E+00
       674
      675
676
                   0.000E+00
0.000E+00
                                       5.647E-02
7.151E-02
9.620E-02
       677
                    0.000E+00
                   0.000E+00
0.000E+00
      678
679
                   0.000E+00
0.000E+00
                                      1.308E-01
2.501E-01
       681
       682
                    0.000E+00
                                       4.710E-01
                   0.000E+00
0.000E+00
0.000E+00
                                       4.946E-01
4.716E-01
       683
       684
       685
                                       3.062E-01
       686
                   0.000E+00
0.000E+00
0.000E+00
                                      2.153E-01
1.552E-01
       687
       688
                                       1.161E-01
                                      9.093E-02
7.561E-02
6.441E-02
5.579E-02
       689
                    0.000E+00
                    0.000E+00
       690
                   0.000E+00
0.000E+00
       691
       692
       693
                    0.000E+00
                                       4.968E-02
                                      4.424E-02
3.963E-02
3.596E-02
3.280E-02
                   0.000E+00
0.000E+00
       695
                    0.000E+00
       696
       697
                   0.000E+00
0.000E+00
                                       3.003E-02
2.762E-02
       698
       699
                    0.000E+00
                   0.000E+00
0.000E+00
                                       2.806E-02
3.170E-02
       700
       701
702
703
704
705
                    0.000E+00
                                       3.638E-02
                   0.000E+00
0.000E+00
                                       4.268E-02
4.942E-02
                    0.000E+00
                                       5.732E-02
                                       6.733E-02
8.046E-02
       706
707
                   0.000E+00
0.000E+00
       707
708
709
710
711
712
                                       1.161E-01
2.086E-01
                    0.000E+00
                    0.000E+00
                                       3.176E-01
                   0.000E+00
                    0.000E+00
                                       3.615E-01
                                       3.480E-01
2.527E-01
                    0.000E+00
       713
714
                   0.000E+00
                                       1.901E-01
                    0.000E+00
                    0.000E+00
                                       1.441E-01
1.145E-01
       716
717
                    0.000E+00
                    0.000E+00
                                       8.883E-02
                    0.000E+00
                                       7.282E-02
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 169
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00
                                       6.083E-02
                                       5.293E-02
4.708E-02
       720
                    0.000E+00
       721
722
723
                    0.000E+00
                    0.000E+00
0.000E+00
                                       4.210E-02
3.822E-02
       724
                    0.000E+00
                                       3.523E-02
3.255E-02
       725
726
                    0.000E+00
                                       3.255E-02
3.019E-02
2.793E-02
2.584E-02
3.585E-02
                    0.000E+00
       727
                    0.000E+00
       728
729
                    0.000E+00
0.000E+00
       730
                    0.000E+00
                                       3.942E-02
                                       4.289E-02
4.714E-02
5.037E-02
       731
732
                    0.000E+00
0.000E+00
       733
                    0.000E+00
                                       5.775E-02
7.159E-02
       734
735
                    0.000E+00
                    0.000E+00
       736
                    0.000E+00
                                       1.130E-01
       737
738
                    0.000E+00
                                       1.822E-01
                                       2.461E-01
2.716E-01
2.732E-01
2.157E-01
                    0.000E+00
       739
                    0.000E+00
       740
741
742
                    0.000E+00
                    0.000E+00
                    0.000E+00
                                       2.020E-01
       743
744
                    0.000E+00
0.000E+00
                                       1.443E-01
1.070E-01
                    0.000E+00
                                       8.893E-02
```

7.227E-02

```
6.062E-02
5.205E-02
4.512E-02
      747
748
                   0.000E+00
      749
                   0.000E+00
                                       4.021E-02
                   0.000E+00
      750
751
                   0.000E+00
                                       3.649E-02
3.326E-02
      752
753
754
                   0.000E+00
                   0.000E+00
                                       3.071E-02
                                      2.889E-02
2.910E-02
2.585E-02
3.596E-02
3.831E-02
                   0.000E+00
      755
                   0.000E+00
0.000E+00
      756
      757
                   0.000E+00
      758
759
760
                   0.000E+00
                   0.000E+00
                                       3.866E-02
                                       4.031E-02
4.464E-02
5.214E-02
7.627E-02
1.070E-01
                   0.000E+00
                   0.000E+00
      761
762
                   0.000E+00
       763
                   0.000E+00
      764
765
                   0.000E+00
                                       1.601E-01
2.043E-01
2.169E-01
2.165E-01
2.047E-01
1.910E-01
                   0.000E+00
       766
                    0.000E+00
                   0.000E+00
       767
                    0.000E+00
       768
                    0.000E+00
                    0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                    11/07/95
                                                                                                                                                                                     09:41:42 Page - 170
                                       1.884E-01
1.253E-01
1.021E-01
                    0.000E+00
0.000E+00
      771
772
773
                    0.000E+00
                                       8.588E-02
7.251E-02
                    0.000E+00
0.000E+00
       775
776
777
                                        6.119E-02
5.211E-02
4.552E-02
                    0.000E+00
                    0.000E+00
0.000E+00
       778
       779
                    0.000E+00
                                        3.999E-02
                    0.000E+00
0.000E+00
                                        3.566E-02
3.248E-02
       780
       781
                                       2.968E-02
2.765E-02
2.960E-02
2.402E-02
3.318E-02
       782
                    0.000E+00
       783
784
785
                    0.000E+00
0.000E+00
                    0.000E+00
                    0.000E+00
0.000E+00
       786
787
                                        3.312E-02
       788
                    0.000E+00
                                        3.283E-02
3.682E-02
       789
790
                    0.000E+00
0.000E+00
                                        4.132E-02
       791
792
793
                                        5.552E-02
7.481E-02
                    0.000E+00
                    0.000E+00
0.000E+00
                                        1.029E-01
                                        1.452E-01
1.726E-01
1.788E-01
1.759E-01
1.691E-01
       794
                    0.000E+00
                    0.000E+00
0.000E+00
       795
       796
797
                    0.000E+00
                    0.000E+00
0.000E+00
       798
                                        1.606E-01
       799
                    0.000E+00
                                        1.427E-01
       800
                                        1.187E-01
9.786E-02
                    0.000E+00
0.000E+00
       801
       802
                                        8.237E-02
7.153E-02
6.114E-02
                    0.000E+00
       803
                    0.000E+00
0.000E+00
0.000E+00
       804
       805
                                        5.257E-02
4.543E-02
       806
       807
                    0.000E+00
0.000E+00
       808
                                        3.592E-02
3.217E-02
                    0.000E+00
       809
       810
                    0.000E+00
                    0.000E+00
                                        2.949E-02
       811
                                        2.721E-02
2.508E-02
2.309E-02
                    0.000E+00
       812
                     0.000E+00
                    0.000E+00
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E+00

0.000E+00

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 171 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *
Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT Input File: g:\ace\GQ91\GQPACE.DAT

**** RECEPTOR TOTAL CANCER RISK AND EXCESS BURDEN ***

CEPTOR	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM	POPULATION	BURDEN
1 2 3 4	7.578E-08 7.536E-08	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		0.000E+00 0.000E+00	0.000E+00 0.000E+00	7.461E-08 7.578E-08 7.536E-08 1.224E-07	0	0.000E+00 0.000E+00 0.000E+00 0.000E+00

```
0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                          1.217E-07
1.100E-07
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
               1.217E-07
                                                                                                           0.000E+00
0.000E+00
               1.100E-07
8.559E-08
                                                                                                                           8.559E-08
8.912E-08
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                                                                                                                        0 000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                              0.000E+00
                                              0.000E+00
               8.912E-08
                               0.000E+00
                                                                                                                           9.301E-08
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
                                              0.000E+00
                                                              0,000E+00
                                                                                                           0.000E+00
                               0.000E+00
               9.301E-08
                                                                                                           0.000E+00
                                                                                                                           1.511E 07
                                                                                                                                                        0.000E+00
                1.511E-07
                               0.000E+00
                                              0.000E100
                                                             U.000E+00
O.000E+00
                                                                                                                                                        0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           4.368E-08
                                              0.000E+00
                               0.000E+00
                4.368E-08
                                                                                                                           1.816E-07
                                                                                                                                                        0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
               1.816E-07
       12
                                                                            0.000E+00
0.000E+00
                                                                                                                           1.326E-07
                                                                                                                                                        0.000E+00
                                                                                                           0.000E+00
                                              0.000E+00
0.000E+00
                1.326E-07
                               0.000E+00
                                                              0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                           1.348E-07
                                                              0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                               0.000E+00
                1.348E-07
                                                                                                                           1,352E-07
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
               1.352E-07
                               0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                                                                           1.538E-07
                                                                                                           0.000E+00
                                                                                                                                                        0.000E+00
                                                              0.000E+00
                1.538E-07
                               0.000E+00
                                              0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                           5.136E-08
8.579E-08
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
               5.136E-08
8.579E-08
9.384E-08
                                                              0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                               0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                           9.384E-08
                                                                                                                                                        0.000E+00
                                                             0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                           0.000E+00
                                                                                                                           1.226E-07
                                              0.000E+00
                1.226E-07
                               0.000E+00
                               0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           7.160E-08
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
               7.160E-08
6.905E-08
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           6.905E-08
                                              0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
        22
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           6.591E-08
6.236E-08
                                                                             0.000E+00
                6.591E-08
                               0.000E+00
               6.236E-08
5.833E-08
6.678E-08
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                           5.833E-08
                                                             0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                                           6.678E-08
6.289E-08
                                                                                                           0.000E+00
0.000E+00
                                                                             0.000E+00
                6.289E-08
5.703E-08
                                                              0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
        27
                                                                                                                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           5.703E-08
                                              0.000E+00
                               0.000E+00
                                                                                                                           6.225E-08
6.707E-08
7.228E-08
               6.225E-08
6.707E-08
7.228E-08
7.869E-08
7.303E-08
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
        29
                                                                                                                                                        0.000E+00
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
        30
                                                                                                                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
        31
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           7.869E-08
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
        32
                                                                                                                           7.303E-08
                                                                                                                                                        0.000E+00
                                                                                            0.000E+00
                                                              0.000E+00
0.000E+00
                               0.000E+00
                                               0.000E+00
                                                                             0.000E+00
        33
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           6.599E-08
8.287E-08
                                                                                                                                                        0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                6.599E-08
                                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                               0.000E+00
                8.287E-08
1.028E-07
        35
                                                                                                                           1.028E-07
                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0 000E+00
        36
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                           1.505E-07
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                1.505E-07
                               0.000E+00
0.000E+00
                                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           1.456E-07
1.407E-07
                                               0.000E+00
                                                                             0.000E+00
        38
                1.456E-07
                                                                                                                                                        0.000E+00
                1.407E-07
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
        39
                                                                                                                           1.484E-07
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                        0.000E+00
                1.484E-07
                               0.000E+00
                                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 172
                                                                                                                                                                                 172
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                        0.000E+00
                                                                                             0.000E+00
                                                                                                           0.000E+00
                                               0.000E+00
                                                                             0.000E+00
                                                              0.000E+00
                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           1.497E-07
1.466E-07
1.098E-07
                                                                                                                                                        0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                                                    Ω
                1.497E-07
1.466E-07
                               0.000E+00
0.000E+00
                                               0.000E+00
        42
                                               0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
        43
                                                                                                                                                        0.000E+00
                                                              0.000E+00
                1.098E-07
                               0.000E+00
                                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           9.366E-08
1.474E-07
1.842E-07
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                               0.000E+00
                                                              0.000E+00
                9.366E-08
                               0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                               0.000E+00
                                                              0.000E+00
                1.474E-07
        46
                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                               0.000E+00
                                                                                                                           1.998E-07
1.950E-07
1.909E-07
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                1.998E-07
                                                                                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                1.950E-07
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
        49
50
                                                                                                                                                         0.000E+00
                1.909E-07
                               0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                           1.877E-07
1.784E-07
1.656E-07
                                                                                                                                                         0 000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                              0.000E+00
                               0.000E+00
0.000E+00
                1.877E-07
                                                                                                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                1.784E-07
        52
                                                                                                                                                         0.000E+00
                1.656E-07
                               0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                           1.390E-07
1.208E-07
1.075E-07
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                1.390E-07
1.208E-07
                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                               0.000E+00
        55
                                                                                                                                                         0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                1.075E-07
                                               0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                           9.663E-08
8.808E-08
8.622E-08
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
        57
58
                9.663E-08
8.808E-08
                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                               0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
                8.622E-08
                               0.000E+00
0.000E+00
                                               0.000E+00
                                                                                                                           9.306E-08
9.232E-08
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                9.306E-08
        60
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                9.232E-08
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                                                                           1.014E-07
1.125E-07
1.271E-07
1.478E-07
        61
                                                                                                                                                         0.000E+00
                                                              0.000E+00
                1.014E-07
                               0.000E+00
                                               0.000E+00
                                               0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                                                              0.000E+00
                1.125E-07
                               0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                              0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                1.271E-07
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                1.478E-07
        65
                                                                                                                           1.667E-07
1.998E-07
2.503E-07
                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                1.667E-07
                                               0.000E+00
0.000E+00
                                0.000E+00
        66
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                1.998E-07
                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                2.503E-07
                                               0.000E+00
                                                               0.000E+00
        68
                                                                                                                           3.454E-07
4.683E-07
3.847E-07
                                                                                             0.000E+00
                                                                                                                                                         0.000E+00
                3.454E-07
                                0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
        ŻĎ.
                4.683E-07
                                                                                                                                                         0.000E+00
                3.847E-07
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           2.581E-07
                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                2.581E-07
                                0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                           2.128E-07
1.774E-07
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                2.128E-07
1.774E-07
                                                                                                            0.000E+00
                                                                                             0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                                                           2.268E-07
2.259E-07
2.928E-07
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                2.268E-07
                                                                                                                                                         0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                2.259E-07
                                                                                                                                                         0.000E+00
                2.928E-07
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            2.856E-07
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                2.856E-07
                                                                                                            0.000E+00
0.000E+00
                                                                                                                           2.237E-07
1.733E-07
                                                                                                                                                         0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                2.237E-07
1.733E-07
                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
        80
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           1.360E-07
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
                1.360E-07
                                0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
        81
                                                                                                                           1.072E-07
1.317E-07
1.425E-07
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                1.072E-07
1.317E-07
                                0.000E+00
0.000E+00
        82
                                                                                                                                                         0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                            0.000E+00
        83
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
                                0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                            1.282E-07
                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                 1.282E-07
                                0.000E+00
                                                                                                                                                         0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            1.473E-07
                1.473E-07
        86
                                                                                                                            1.477E-07
1.763E-07
                                                                                                             0.000E+00
                                                                                                                                                         0.000E+00
        87
                1.477E-07
                                0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                         0.000E+00
                                                               0.000E+00
                 1.763E-07
                                0.000E+00
                                               0.000E+00
                                                                                                                            1.342E-07
1.516E-07
1.940E-07
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                     0
                                               0.000E+00
                                                               0.000E+00
                                0.000E+00
        89
                1.342E-07
1.516E-07
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                0.000E+00
                                               0.000E+00
                                                               0.000E+00
        90
                                                               0.000E+00
                                                                                                                                                         0.000E+00
                 1.940E-07
1.933E-07
                                0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                            1.933E-07
                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
11/07/95 09:41:42 Page - 17
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                1.994E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.994E-07
                                                                                                                                                    0 0 000E+00
```

```
2.071E-07
2.106E-07
2.170E-07
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
               2.071E-07
2.106E-07
                              0.000E+00
                                             0,000E+00
                                                                                          0.000E+00
                                                                                                         0.00DE+00
                                             0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                    0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.00000
               2.170E-07
2.570E-07
                              0.000E+00
                                                                                                                        2.570E-07
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                                                                                                        3.229E-07
4.079E-07
                                                                                                                                                    0.000E+00
                                                                           0.000E+00
                                                                                          n nnnr+od
                                                                                                         0.000E+00
                                                            0.000E+00
               3.229E-07
                              0.000E+00
                                             0.000E+00
                                                                                                                                                    0.000E100
                                                                           U.000E+UU
0.000E+00
0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
       99
               4.079E-07
                                                                                                         0.000E+00
                                                                                                                        4.140E-07
3.277E-07
                                                                                                                                                    0.000E+00
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                            0.000E+00
      100
                                                                                                                                                    0.000E+00
                                                            0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               3.277E-07
                              0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                        2.556E-07
               2.556E-07
2.540E-07
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            0.000E+00
      102
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                        2.540E-07
                                                            0.000E+00
                              0.000E+00
                                             0.000E+00
      103
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        2.356E-07
2.200E-07
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                              0.000E+00
0.000E+00
               2.356E-07
                                                                                                                                                    0.000E+00
               2.200E-07
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
      105
                                                                                                                        2.177E-07
2.157E-07
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                                            0.000E+00
               2.177E-07
      106
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                              0.000E+00
0.000E+00
               2.157E-07
                                                                                                                        4.179E-07
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
               4-179E-07
      108
                                                                                                                        3.235E-07
                                                                                                                                                    0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
               3.235E-07
                              0.000E+00
                                                            0.000E+00
      109
                                                                                                                        2.604E-07
3.030E-07
                                                                                                                                                    0.000E+00
                                                            G.DD0E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               2.604E-07
3.030E-07
                              0.000E+00
0.000E+00
      110
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                        3.892E-07
                                                                           0.000E+00
                                             0.000E+00
               3.892E-07
                              0.000E+00
                                                            0.00DE+00
      112
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        4.656E-07
                              0.000E+00
                4.656E-07
                                                                                                                        8.442E-07
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
               8.442E-07
5.927E-07
3.871E-07
                                                                           0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                        5.927E-07
                              0.000E+00
                                             Q.000E+00
                                                            0.0002+00
      115
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        3.871E-07
                                                            0.000E+00
                                                                           0.000E+00
                                             0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                        5,042E-07
                                                                                                                                                    0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                5.042E-07
      117
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        8,916E-07
3,806E-07
               8.916E-07
3.806E-07
                                                            0.000E+00
                              0.000E+00
                                             0.000E+00
      118
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                                        3.681E-07
                                                            0.000E+00
0.000E+00
                3.681E-07
                               0.000E+00
                                             0.000E+00
                                                                           0.000E+00
      120
                                                                                                                        4.346E-07
4.712E-07
7.649E-07
                                                                           0.000E+00
                                             0.000£±00
                4.346E-07
                              0.000E+00
       121
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                4.712E-07
7.649E-07
                              0.000E+00
                                             0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                            0,000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                           0.000E+00
      123
                                                                                                                        6.588E-07
9.350E-07
                                                                           0,000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
0.000E+00
                                             0.000E+00
                6.588E-07
                                                                                                         0.000E+00
                                              0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                9.350E-07
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                        1.433E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                1.433E-06
                                                            0.000E+00
0.000E+00
                               0.000E+00
                                             0.000E+00
      126
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                        1.604E-06
1.213E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                1.604E-06
                              0.000E+00
0.000E+00
                                             0.000E+00
                1.213E-06
7.300E-07
                                              0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                        7.300E-07
                               0.000E+00
                                              0.000E+00
                                                            0.000E+00
                                                                                                                        6.147E-07
6.704E-07
1.346E-06
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                6.147E-07
6.704E-07
1.346E-06
                                              0.000E+00
                               0.000E+00
                                                                                                         0.000E+00
                                              0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                               0.000E+00
       131
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                           0.000E+00
                                              0.000E+00
0.000E+00
                               0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        1.866E-06
                1.866E-06
                               0.000E+00
                                                                                                                        2.042E-06
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
0.000E+00
                               0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                              0.000E+00
                2.042E-06
9.684E-07
      134
                                                                                                                        9.684E-07
6.131E-07
6.387E-07
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
       135
                                                                                           0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                6.131E-07
                               0.000E+00
                                                                           0.000E+00
                6.387E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                           0.000E \pm 0.0
       137
                                                                                                                        5.895E-07
7.014E-07
6.241E-07
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                           0.000E+00
                5.895E-07
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                               0.000E+00
0.000E+00
                7.014E-07
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                              0.000E+00
                                                             0.000E+00
                6.241E-07
       140
                                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        6.820E-07
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                6.820E-07
                               0.000E+00
                                              0.00DE:00
                                                                                                                                                    0.000E+00
                                                                                                                        4.661E-07
3.319E-07
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                4.661E-07
                              0.000E+00
0.000E+00
       142
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                3.319E-07
       143
                                                                                                         0.000E+00
                                                                                                                        3,215E-07
                                                                                                                                                     0.000E+00
                                                            0.000E+00
                3.215E-07
                               0.000E+00
                                              0.000E+00
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                            PM10
                                                              Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                      11/07/95
                                                                                                                                                    09:41:42
                                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                       2.601E-07
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                2,681E-07
                                              0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                        2.462E-07
2.288E-07
2.165E-07
                                                            0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                2,462E-07
2,288E-07
                              0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                                                                 O
                                                                                                                                                     0.000E+00
                                              0.000E+00
0.000E+00
       146
                                                                                                                                                     0.000E+00
                                                                                          0.000E+00
0.000E+00
       147
                                                                                                                                                     0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                2.165E-07
                                              0.000E+00
       148
                                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        1.886E-07
                                                                                                                                                     0.000E+00
                1,886E-07
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                        1.650E-07
1.732E-07
1.844E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                               0.000E+00
0.000E+00
                1,650E-07
       150
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                                              0.000E+00
                                                             0.000E+00
                1.732E-07
       151
                                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                1.844E-07
                               0.000E+00
                                              0.000E+00
                                                                                                                        1.590E-07
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                1.590E-07
                               0.000E+00
                                                                                                                        1.421E-07
1.292E-07
                                                                                                                                                     0.000E+00
                               0.000E+00
                                                                                                         0.000E+00
0.000E+00
                1.421E-07
1.292E-07
                                                                           0.000E+00
                                                                                           0.000E+00
                                              0.000E+00
                                                             0.000E+00
       154
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                               0.000E+00
                                                             0.000E+00
       155
                                                                                                                        1.442E-07
1.583E-07
1.493E-07
                               0.000E+00
0.000E+00
0.000E+00
                                                             0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                1.442E-07
                                              0.000E+00
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                1.583E-07
       157
                                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.0002+00
                1.493E-07
       158
                                                                                                                         1.424E-07
1.258E-07
1.190E-07
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                1.424E-07
                                              0.000E+00
                                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                1.258E-07
1.190E-07
       160
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
       161
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                        1.317E-07
1.514E-07
                1.317E-07
1.514E-07
1.893E-07
                               0.000E+00
0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
       163
                                                                                                                         1.893E-07
2.166E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
       164
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                2.166E-07
                               0.000E+00
                                              0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         2.041E-07
                               0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                2 041E-07
       166
                                                                                                                         1.604E-07
                                                                                                                                                     0.000E+00
                1.604E-07
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
       167
                                                                                                                         1.243E-07
1.044E-07
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                1.243E-07
1.044E-07
                               0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
       169
                                                                                                          0.000E+00
                                                                                                                         1,079E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                1.079E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
       170
                                                                                                          0.000E+00
                                                                                                                         1.129E-07
                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             0 000E+00
                 1.129E-07
                                                                                                                         1,144E-07
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                             0.000E+00
       172
                1.144E-07
                                                                                                                         1.135E-07
                                                                                                                                                     0.000E+00
                 1.135E-07
                                                                            0.000E+00
0.000E+00
       173
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                           0,000E+00
                                                                                                          0.000E+00
                                                                                                                         1.343E-07
                                                                                                                                                     0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                 1.343E-07
                               0.000E+00
                                                                                                                         1.601E-07
2.061E-07
2.362E-07
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                1.601E-07
                               0.000E+00
0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
       175
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                 2.061E-07
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                 2.362E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
       177
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                         2.192E-07
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                 2.192E-07
                               0.000E+00
                                              0.000E+00
                                                             D.000E+00
                                                                                                                         2.414E-07
2.863E-07
                                                                                                                                                      0.000E+00
                                                                            0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                              0.000E+00
                                                             D.000E+00
       179
                2.414E-07
                               0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
                                              0.000E+00
                                                             D.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                 2.863E-07
       180
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         3.150E-07
                                                                                                                                                      0.000E+00
                                              0.000E+00
0.000E+00
                                                             0 000E+00
                 3.150E-07
                               0.000E+00
                                                                                                                                                     U. DUUE+UU
                                                                            0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         2.355E-07
1.715E-07
                                                             0.000E+00
                               0.000E+00
       182
                 2.355E-07
                                                                                                          0.000E+00
                 1.715E-07
                                               0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                               0.000E+00
       183
                                                                                                          0.000E+00
                                                                                                                         1.278E-07
                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0,000E+00
                 1.278E-07
                                                                                                                         1.060E-07
1.093E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                 1.060E-07
       185
                 1.093E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
```

```
1.092E-07
1.115E-07
1.135E-07
                                                                              0.000E+00 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                             0.000E+00
                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                0.000E+00
                 1.092E-07
                                0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                             0.000E+00
                 1.115E-07
1.135E-07
       188
                                                                                                                                                             0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
       189
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                               9.966E-08
                                                                                                                                                             0.000E+00
                                                 0.000E+00
                 9.966E-08
                                0.000E+00
       190
                                                                                                                                                             0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                               8.895E-08
                 8.895E-08
7.972E-08
                                0.000E+00
                                                 0.000E+00
       191
                                                                                                                               7.972E-08
                                                                                                                                                             0.000E+00
                                                                                                               0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               5.040E-07
                                                                                                                                                             0.000E+00
                 5.040E-07
4.583E-07
                                0.000E+00
       193
                                                                                                                               4.583E-07
                                                                                                                                                             0.000E+00
                                                                                               0.000E+00
0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
       194
                                                                                                                                                             0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                 4.345E-07
                                0.000E+00
                                                0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               4.252E-07
                                                                                                                                                           0.000E+00
                 4.252E-07
                                0.000E+00
       196
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                           Page -
                                                                                                                                             11/07/95
                                                                                                                                                            09:41:42
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                               4.227E-07
                                                                                0-000E+00 0-000E+00
                                                                                                               0.000E+00
                                                0.000E+00
0.000E+00
                                 0.000E+00
                                                                0.000E+00
                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                               4.133E-07
                                                                                                                                                         Λ
                                                                                                                                                             0.000E+00
                                                                                0.000E+00
                 4.133E-07
4.086E-07
                                0.000E+00
                                                                                                                                                             0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                                               4.086E-07
                                                                                                                                                         0
       199
                                                                                                                               4.119E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
       200
                 4.119E-07
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                                               3.803E-07
3.548E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                 3.803E-07
       201
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
                 3.548E-07
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       202
                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                               3.527E-07
5.755E-07
5.224E-07
                                                                                                                                                             0.000E+00
                                                                0.000E+00
0.000E+00
                 3.527E-07
5.755E-07
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
       204
                                                                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                 5.224E-07
                                 0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
       205
                                                0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               5.045E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
                 5.045E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                 5.063E-07
4.896E-07
4.758E-07
                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                               5.063E-07
4.896E-07
       207
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
       208
                                                                                                                               4.758E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                               4.924E-07
                                                                                                                                                             0.000E+00
                 4.924E-07
                                                                0.000E+00
                                                                                                               0.000E+00
       210
                                                                                                                                                             0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               5.440E-07
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                               4.309E-07
                                                                                                                                                             0.000E+00
                 4.309E-07
3.890E-07
                                                 0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               3.890E-07
3.954E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       213
                 3.954E-07
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                               6.417E-07
5.883E-07
5.904E-07
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                                                             0.000E+00
                                                 0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                  6.417E-07
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                  5.883E-07
                                                                                0.000E+00
       216
                 5.904E-07
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                                                                6.168E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
                  6.168E-07
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                               5.921E-07
5.653E-07
                  5.921E-07
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       219
                                                                0.000E+00
0.000E+00
                  5.653E-07
                                 0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
       220
                                                                                                                               6.749E-07
6.545E-07
4.795E-07
                                                                                0.000E+00
                 6.749E-07
6.545E-07
       221
                                 0.000E+00
0.000E+00
                                                 0 000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       222
                                                 0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
                  4.795E-07
                                 0.000E+00
       223
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                               4.351E-07
                 4.351E-07
4.832E-07
                                 0.000E+00
       224
                                                                                                                               4.832E-07
5.303E-07
                                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
       225
                  5.303E-07
                                 0.000E+00
                                                 0 000E+00
                                                                                                                               5.503E-07
4.999E-07
6.460E-07
5.634E-07
7.054E-07
6.841E-07
                                                                                                                                                             0.000E+00
0.000E+00
                 4.999E-07
6.460E-07
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                 0.000E+00
       227
                                                                                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                                                             0.000E+00
                 5.634E-07
5.578E-07
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
       230
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                  7.054E-07
                                 0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
       231
                                                                                                0.000E+00
                                                                                                                                                             0.000E+00
                  6.041E 07
                                 0.000E+00
                                                 0.000E+00
                                                                                                                               5.666E-07
5.971E-07
9.283E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                 5.666E-07
5.971E-07
                                 0.000E+00
0.000E+00
       233
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       234
                                                                                                                                                              0.000E+00
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                  9.283E-07
                                 0.000E+00
                                                                0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               6.536E-07
6.627E-07
7.942E-07
                                                                                                                                                             0.000E+00
0.000E+00
                 6.536E-07
6.627E-07
7.942E-07
                                 0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                 0.000E+00
       237
                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                               7.276E-07
9.563E-07
8.409E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                 7.276E-07
9.563E-07
       239
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                  8.409E-07
                                                 0.000E+00
                                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                1.096E-06
                                                                                                                                                             0.000E+00
                                                 0.000E+00
       242
                  1.096E-06
                                                                                                                                                             0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               8.967E-07
                  8.967E-07
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                               1.029E-06
7.850E-07
3.438E-08
3.848E-08
       243
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                  1.029E-06
                                 0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                0.000E+00
       245
                  7.850E-07
                                 0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
                  3.438E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                         0
       246
                                                                                                                                                             0.000E+00
                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                               0 000E+00
                  3.848E-08
                                 0.000E+00
                                                 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                4.266E-08
                                                                                                                                                             0.000E+00
                                                 0.000E+00
                  4.266E-08
                                 0.000E+00
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                  Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                             11/07/95
                                                                                                                                                             09:41:42
                                                                                                                                                                             Page - 176
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                 0.000E+00
                                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                               0.000E+00 3.876E-08
                                                 0.000E+00
                                                                                                                               3.701E-08
3.947E-08
3.991E-08
4.189E-08
                                                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                                                         Ō
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
       250
                  3.701E-08
                                                                                                                                                         n
                                                                                                                                                             0.000E+00
0.000E+00
                 3.947E-08
3.991E-08
       251
252
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                0.000E+00
                  4.189E-08
                                 0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                               4.110E-08
                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                  4.110E-08
       254
                                                                                                                                                              0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               4.133E-08
4.177E-08
        255
                  4.133E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                  4.177E-08
                                                                                                                               4.139E-08
3.990E-08
3.724E-08
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                  4.139E-08
3.990E-08
                                                                                                                                                              0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
       258
                                                                                                               0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                  3.724E-08
                                 0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                               3.346E-08
3.034E-08
2.824E-08
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
                                                 0 000E+00
        260
                  3.346E-08
                                                                                                                                                              0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
0.000E+00
                  3.034E-08
       261
                  2.824E-08
                                                                                 0.000E+00
                                                                                                0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                2.859E-08
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
                  2.859E-08
                                                                                                                                3.101E-08
3.424E-08
3.893E-08
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                  3.101E-08
        264
                                                                                                                                                              0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                  3.424E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
        265
                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
                  3.893E-08
                                                 0.000E+00
                                                                                                                                4.246E-08
4.438E-08
4.359E-08
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
        267
                  4.246E-08
                                                                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                  4.438E-08
                                                  0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                  4.359E-08
4.251E-08
4.235E-08
                                 0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
        269
                                                                                                                               4.251E-08
4.235E-08
3.780E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
       270
                                                                                                                                                              0.000E+00
        271
                                 0.000E+00
                                                  0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                                                 0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
       272
                  3.780E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00 0.000E+00 3.134E-08
0.000E+00 0.000E+00 2.713E-08
0.000E+00 0.000E+00 2.672E-08
                                                                                                                                                              0.000E+00
                 3.134E-08
2.713E-08
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
       273
                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
```

0.000E+00

0.000E+00

2.672E-08

0.000E+00

```
2.966E-08
3.205E-08
                                                                                                               0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                                         0.000E+00
       276
277
                   2.966E-08
3.205E-08
                                      0.000E+00
                                                        0.000E+00
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                                                                                                         0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                      3.405E-08
                                                                                                                                                                                         0.000E+00
                    3.405E-08
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                                                          0 000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.634E-08
                    3.634E-08
        279
                                                                                                                0.000E+00
                                                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3,926E-08
                    3.926E-08
                                      0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.227E-08
        281
                    4.227E-08
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      4.441E-08
4.458E-08
                    4.441E-08
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
        282
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                    4.458E-08
                                      0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.605E-08
        284
                    4.605E-08
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      4.635E-08
4.602E-08
                    4.635E-08
        285
                                                                                                                                                                                          0.000E+00
                                                        0.000E+00
0.000E+00
                    4.602E-08
                                      0.000E+00
                                                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.405E-08
                                                                                                                                                                                         0.000E+00
                    4.405E-08
        287
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                    4.053E-08
                                                         0.000E+00
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.053E-08
3.608E-08
                                      0.000E+00
        288
                                                                                                                                   0.000E+00
                                                        0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                    3.608E-08
                                      0.000E+00
        289
                                                                                                                                   0.000E+00
                                                                                                                                                      3.309E-08
                                      0.000E+00
0.000E+00
                   3.309E-08
                    3.161E-08
                                                         0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.161E-08
                                                                                                                                                                                    0
        291
                                                                                                                                   0.000E+00
                                                                                                                                                      3.352E-08
                                                                                                                                                                                          0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                    3.352E-08
                                      0.000E+00
        292
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.684E-08
                    3.684E-08
                                      0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      4.058E-08
                                      0.000E+00
                                                                           0.000E+00
                                                                                                                                   0.000E+00
                    4.058E-08
        294
                                                                           0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.347E-08
                                                                                                                                                                                          0.000E+00
                                                         0.000E+00
0.000E+00
                    4.347E-08
                                      0.000E+00
                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.515E-08
                                                                                                                                                                                    Λ
                                                                                                                                                                                          0.000E+00
        296
                    4.515E-08
                                                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.450E-08
                    4.450E-08
        297
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                      4.153E-08
                                                                           0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                    4.153E-08
3.864E-08
                                      0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      3.864E-08
                                                                                                                                                                                    Ω
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.475E-08
                                                                                                                                                                                         0.000E+00
                    3.475E-08
        300
                                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                       11/07/95
                                                                                                                                                                                         09:41:42
                                                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                      3.137E-08
2.770E-08
2.466E-08
2.693E-08
2.900E-08
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                                                              0.000E+00
                                                                                                                                                                                          0 000E+00
                   2.770E-08
2.466E-08
2.693E-08
2.900E-08
3.202E-08
3.528E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
        303
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
        304
                                                         0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                      3.202E-08
3.528E-08
3.849E-08
                                                                                              0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
                                      0.000E+00
0.000E+00
        306
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
        307
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                    3.849E-08
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                      4.143E-08
4.568E-08
4.893E-08
                                                                                                                                                                                          0.000E+00
                    4.143E-08
4.568E-08
                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        310
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                    4.893E-08
                                      0.000E+00
                    5.009E-08
5.179E-08
                                      0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      5.009E-08
                                                                                                                                                                                          0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      5.179E-08
5.203E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                    5.203E-08
                    5.179E-08
4.900E-08
                                                                                                                                                      5.179E-08
                                                                                                                                                                                          0.000E+00
        315
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                                                      4.900E-08
        316
                                                                                                                                                      4,439E-08
                    4.439E-08
3.963E-08
3.674E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      3.963E-08
        318
                                                                                                                                                      3.674E-08
                                                                            0.000E+00
        319
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                    3.680E-08
4.014E-08
                                                                                                                                                      3.680E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                                      4.014E-08
        321
322
                                                                                                                                                      4.389E-08
                    4.389E-08
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                                       4.692E-08
                                      0.000E+00
0.000E+00
0.000E+00
                    4.692E-08
                                                         0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                                                                       4.810E-08
                    4.810E-08
4.633E-08
        324
                                                                                                                                                      4.633E-08
4.327E-08
                                                                                                                                   0.000E+00
0.000E+00
                                                                                               0.000E+00
                    4.327E-08
3.920E-08
3.518E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      3.920E-08
        327
                                                                                                                                                      3.518E-08
3.088E-08
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                            0.000E+00
        328
                                      0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                    3.088E-08
                                                         0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      2.739E-08
                    2.739E-08
2.480E-08
        330
                                                                                                                                                      2.480E-08
2.233E-08
2.740E-08
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                                0.000E+00
                                                                                                                                    0.000E+00
        331
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                    2.233E-08
2.740E-08
3.074E-08
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                                                          0.000E+00
                                                         0.000E+00
0.000E+00
        333
                                      0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                      3.074E-08
3.315E-08
        334
                   3.315E-08
3.694E-08
4.117E-08
4.506E-08
                                                                           0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                      0.000E+00
0.000E+00
                                                                                                                                                      3.694E-08
                                                                                                                                                                                          0.000E+00
                                                         0.000E+00
0.000E+00
        336
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      4.117E-08
4.506E-08
4.972E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
        337
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                    4.972E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
        339
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                              0.000E+00
                                                                                                                                                       5.424E-08
                    5.424E-08
5.663E-08
        340
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      5.663E-08
5.875E-08
5.957E-08
                                                         0.000E+00
                                                                                               0.000E+00
        341
                    5.875E-08
5.957E-08
                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
        343
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      5.883E-08
5.483E-08
                    5.883E-08
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                                0.000E+00
        344
                    5.483E-08
4.892E-08
                                                                                                                0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                       0.000E+00
                                                                                                                                                       4.892E-08
                                       0.000E+00
        346
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       4.435E-08
4.200E-08
                                                                                                                                                                                          0.000E+00
                    4.435E-08
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
        347
                    4.200E-08
4.438E-08
4.853E-08
                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                      0.000E+00
0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                                                                       4.438E-08
                                                         0.000E+00
        349
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      4.853E-08
5.193E-08
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
        350
                    5.193E-08
                                       0.000E+00
                                                         0.000E+00
                                                                           0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                     0 0.000E+00
                                                         0.000E+00
                    5.310E-08
                                     0.000E+00
                                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                        11/07/95
                                                                                                                                                                                          09:41:42
                                                                                                                                                                                                             Page -
                                                                                                                                                     5.079E-08
4.628E-08
4.134E-08
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                                              0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                    4.628E-08
4.134E-08
                                                         0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
        355
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      3.661E-08
3.203E-08
                    3.661E-08
                                                          0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
0.000E+00
        356
         357
                    3.203E-08
2.820E-08
2.527E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                                       2.820E-08
        358
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      2.527E-08
2.266E-08
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                                 0.000E+00
        359
                    2.266E-08
2.061E-08
2.816E-08
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                       0.000E+00
                                                         0.000E+00
                                                                                               0.000E+00
                                                                                                                                                      2.061E-08
2.816E-08
3.152E-08
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                    0.000E+00
                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                               0.000E+00
        361
                                                                                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        362
```

0.000E+00 0.000E+00

3.533E-08

0 0.000E+00

0.000E+00

0.000E+00 0.000E+00

3.152E-08

3 533E-08

0.000E+00

0.000E+00

0.000E+00 0.000E+00

```
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                      0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                                 3.851E-08
                  3.851E-08
4.357E-08
4.896E-08
                                     0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 4.357E-08
                                     0.000E+00
0.000E+00
                                                                                                                                                 4 896E-08
5 463E-08
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                    0.000E+00
       367
                                                                                                                               0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                             0.000E+00
                   5.463E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                 6.021E-08
                                                                                                                                                                                    0.000E+00
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                               0.000E+00
       369
370
                   6 021E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 6.440E 08
6.723E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                   6.448E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                  6.723E-08
6.858E-08
                                                                        0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 6.858E-08
                                                                                                                                                                                    0.000E+00
                                     0.000E+00
       372
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                   6.723E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                 6.723E-08
       373
                                                                                                                                                 6.171E-08
                   6.171E-08
5.513E-08
5.050E-08
                                                                                                             0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  5.513E-08
                                     0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 5.050E-08
       376
                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                  5.043E-08
                   5.043E-08
                                     0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                 5.440E-08
5.824E-08
                                                                                                                               0.000E+00
                   5.440E-08
5.824E-08
                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                                                  5.972E-08
                                                       0.000E+00
                   5.972E-08
                                     0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   5.734E-08
5.185E-08
                                     0.000E+00
0.000E+00
                                                                                                                                                 5.734E-08
5.185E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                               0
       381
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
       382
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   4.556E-08
                   3.948E-08
3.402E-08
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  3.948E-08
                                                                                                                                                                                    0.000E+00
       384
                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 3.402E-08
2.979E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
       385
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   2.979E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                   2.630E-08
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 2.630E-08
2.338E-08
                                                                                                                                                                                    0.000E+00
                                                                         0.000E+00
       387
                                                                                                                                                                                    0.000E+00
                   2.338E-08
                                                       0.000E+00
                                                                         0.000E+00
0.000E+00
       388
                                                       0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  2.109E-08
                                                                                                                                                                                    0.000E+00
                                     0.000E+00
                   2.109E-08
                                                                                                                                                 1.899E-08
2.934E-08
                   1.899E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
       390
                                                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                   2.934E-08
                                     0.000E+00
                                                       0.000E+00
                                                       0.000E+00
                                     0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  3.241E-08
                                                                                                                                                                                    0.000E+00
                   3.241E-08
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  3.658E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
                   3.658E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
       393
                                                                                                                                                 4.132E-08
4.630E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                   4.132E-08
                                                                         0.000E+00
0.000E+00
        394
                                     0.000E+00
                                                       0.000E+00
                                                                                                                                                                                     0.000E+00
                   4.630E-08
5.278E-08
                                                       0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                                                  5.278E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                    0.000E+00
       396
                                                                                                                                                 5.2/8E-08
5.981E-08
6.772E-08
7.417E-08
7.819E-08
                                                                                                                                                                                    0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                   5.981E-08
                                     0.000E+00
                                                       0.000E+00
        397
                                                                                                                                0.000E+00
                                                       0.000E+00
0.000E+00
                   6.772E-08
7.417E-08
                                     0.000E+00
                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
       399
                                                                                                                                                                                    0.000E+00
                   7.819E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
        400
                                                                                                                                0.000E+00
                                                                                                                                                  8.049E-08
                                                                                                                                                                                    0.000E+00
                                                                                            0.000E+00
                   8.049E-08
7.816E-08
7.067E-08
                                                       0.000E+00
0.000E+00
        401
                                     0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                               0
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                                                  7.816E-08
        402
                                                                                                                                                  7.067E-08
                                                                         0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  6.408E-08
                                                                         0.000E+00
                                                       0.000E+00
                   6.408E-08
                                     0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                  11/07/95
                                                                                                                                                                                    09:41:42
                                                                                                                                                                                                      Page -
                                                                                                                                0.000E+00
                                                                                                                                                  5.996E-08
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                            0 000E+00
                                                                                                             0.000E+00
                                     0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 6.240E-08
6.668E-08
6.873E-08
                                                                         0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                               0
                                     0.000E+00
        406
                   6.240E-08
6.668E-08
        407
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                                                                                     0.000E+00
                                                                         0.000E100
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   6.873E-08
                                                                                                                                                  6.568E-08
                                                                         0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                   6.568E-08
5.880E-08
        409
                                                                                                                                                  5.880E-08
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E100
        410
                                                                                                                                                 5.108E-08
4.347E-08
3.709E-08
3.195E-08
2.752E-08
                                                                                                                                                                                     0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   5.108E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
        412
                   4.347E-08
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                   3.709E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
        413
                                                                                                                                                                                     0.000E+00
                   3.195E-08
2.776E-08
                                                                         0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
        415
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  2.453E-08
                   2.453E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                                0.000E+00
        416
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                  2.184E-08
1.924E-08
1.681E-08
                                                                                            0.000E+00
                                                                                                                                                                                     0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                   2.184E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
                   1.924E-08
1.681E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                                                                                                  3.057E-08
                                                                                                                                                                                     0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                   3.057E-08
                                                       0.000E+00
                                                                                                                                                  3.410E-08
3.838E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                       0.000E+00
        421
422
                   3.410E-08
3.838E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                                                                                  4.333E-08
4.911E-08
                   4.333E-08
                                     0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
                   4.911E-08
5.673E-08
                                     0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  5.673E-08
6.548E-08
7.640E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                       0.000E+00
        425
                   6.548E-08
7.640E-08
8.625E-08
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                       0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  8.625E-08
9.314E-08
9.670E-08
                                                       0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        428
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   9.314E-08
9.670E-08
9.224E-08
8.357E-08
                                                                         0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
        429
                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  9.224E-08
8.357E-08
7.642E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
        431
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                     0.000E+00
                                                        0.000E+00
        432
                                                                                                                                                                                     0.000E+00
                   7.642E-08
7.465E-08
7.852E-08
                                     0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  7.465E-08
7.852E-08
8.014E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
        434
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                                                                                                     0.000E+00
                   8.014E-08
                                                        0.000E+00
                                     0.000E+00
                                                                                                                                                  7.695E-08
6.822E-08
5.843E-08
4.852E-08
                   7.695E-08
6.822E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
                                     0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                                                0.000E+00
        437
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                                                                                                                     0.000E+00
                    5.843E-08
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        440
                   4.852E-08
                                                                                                                                                  4.077E-08
3.439E-08
2.947E-08
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                    4.077E-08
                                     0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
0.000E+00
        441
                   3.439E-08
2.947E-08
2.586E-08
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                      0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                     0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  2.586E-08
2.251E-08
                                     0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
        444
                   2.251E-08
1.940E-08
1.678E-08
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   1.940E-08
                                                        0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  1.678E-08
1.471E-08
                                                        0.000E+00
                                                                                                              0.000E+00
        447
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                    1.471E-08
                                      0.000E+00
                                                        0.000E+00
                                                                                                                                                   3.080E-08
                                                                                                                                                                                     0.000E+00
                                                                                                              0.000E+00
                   3.080E-08
3.523E-08
                                                        0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                  3.523E-08
3.982E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        450
                                                                          0.000E+00
0.000E+00
0.000E+00
                   3.982E-08
                                      0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
                   4.552E-08
                                     0.000E+00
0.000E+00
        452
                                                        0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  5.286E-08
6.063E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                    5.286E-08
        453
                   6.063E-08
7.169E-08
                                                                         0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
                                                                                                                                                                                     0.000E+00
                                                                                            0.000E+00
        455
                                      0.000E+00
                                                        0.000E+00
                                                                                                                                                                                     0.000E+00
                    8.664E-08
                                                        0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  8-664E-08
                                      0.000E+00
```

```
LL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Output File: g:\ace\GQ91\GQPACE.OUT
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00 1.022E-07
0.000E+00 1.132E-07
                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                             1.198E-0/
1.123E-07
        459
        460
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              1.032E-07
                                                                                                                                                             9.526E-08
9.545E-08
                                                                                                                                          0.000E+00
        463
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                              9.630E-08
                                                                                                                                                             9.195E-08
         465
                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              8.082E-08
                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              6.808E-08
                                                                                                                                                             5.552E-08
4.551E-08
         469
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              3.744E-08
                                                                                                                                                             3.178E-08
2.715E-08
                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              2.305E-08
                                                                                                                                                                                                   0.000E+00
                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.966E-08
1.703E-08
                                                                                                                                          0.000E+00
0.000E+00
                     1.966E-08
1.703E-08
                                                                                                   0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
                                                                                                                                                              1.513E-08
1.379E-08
3.172E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                     1.513E-08
1.379E-08
                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
         478
                                                                                                                                                              3.605E-08
4.110E-08
4.749E-08
                                                                                                                                          0.000E+00
                                                                                                                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
                     3.605E-08
                     4.110E-08
4.749E-08
                                                                                                                                          0.000E+00
0.000E+00
         480
                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
         481
                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              5.540E-08
6.549E-08
7.908E-08
9.742E-08
                     5.540E-08
6.549E-08
7.908E-08
9.742E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                            0.000E+00
         483
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
         485
                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.250E-07
                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                     1.250E-07
                                                            0.000E+00
                                                                                0.000E+00
         486
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                                                              1.452E-07
                     1.452E-07
1.329E-07
1.241E-07
                                        0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.329E-07
                                                                                0.000E+00
         488
                                                                                                                                                              1.241E-07
                                                            0.000E+00
                                                                                0.000E+00
         489
                                                                                                                                                              1.227E-07
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                     1.227E-07
1.130E-07
9.753E-08
                                        0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.130E-07
9.753E-08
8.118E-08
                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
         491
                                                                                                                                                                                                    0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
         492
                                                                                                                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                     8.118E-08
                                                            0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              6.450E-08
5.089E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                0.000E+00
                     6.450E-08
5.089E-08
         494
                                                                                0.000E+00
0.000E+00
                                                            0.000E+00
         495
                                                                                                                                                              4.150E-08
3.442E-08
2.859E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                     4.150E-08
3.442E-08
                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                0.000E+00
         497
                                                                                                                                                                                                    0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
         498
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                     2.380E-08
2.031E-08
                                                                                                                                           0.000E+00
                                                                                                                                                               2.380E-08
                                        0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              2.031E-08
1.790E-08
                                                                                                                                          0.000E+00
0.000E+00
                                                                                0.000E+00
         500
                                                                                                                                                                                                    0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                     1.790E-08
                                         0.000E+00
         501
                     1.619E-08
                                                                                                                                           0.000E+00
                                                                                                                                                               1.619E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                                                                                      0.000E100
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                     1.489E-08
1.388E-08
                                                                                0.000E100
                                                                                                   0.0000100
                                                                                                                                                              1.489E-08
1.388E-08
                                         0.000E+00
         503
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
         504
                                                                                                                                                              3.107E-08
                                                                                                                                                                                                   0.000E+00
                                                            0.000E+00
         505
                     3.107E-08
                                         0.000E+00
                     3.623E-08
4.227E-08
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                              3.623E-08
         506
                                                                                                                                                               4.227E-08
                                         0.000E+00
                                                            0.000E+00
                                                                                                   0.000E+00
                                                                                0.000E+00
                     4.876E-08
                                         0.000E+00
                                                            0.000E+00
                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Number File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                11/07/95
                                                                                                                                                                                                   09:41:42
                                                                                                                                                                                                                       Page -
                                                           0.000E+00 0.000E+00
                                                                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00 0.000E+00 5.814E-08
                                         0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                              6.896E-08
8.592E-08
                                                                                0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                     6.896E-08
8.592E-08
1.079E-07
2.988E-07
1.793E-07
                                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                                      0.000E+00
         511
                                                                                                                                                              1.079E-07
                                                                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                         0.000E+00
                                                                                0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                               2.988E-07
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                               1.793E-07
                                                                                                                                                              1.700E-07
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
                                                                                0.000E+00
         515
                     1.515E-07
1.235E-07
9.933E-08
                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                               1.235E-07
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              9.933E-08
7.605E-08
                                                                                0.000E+00
                                                                                                   0.000E+00
         518
                     7.605E-08
5.861E-08
4.662E-08
                                                            0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                               5.861E-08
4.662E-08
3.725E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                   0.000E+00
         521
                     4.662E-08
3.725E-08
3.026E-08
2.530E-08
2.181E-08
1.951E-08
1.776E-08
1.635E-08
1.517E-08
1.418E-08
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                               3.026E-08
                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                               2.530E-08
2.181E-08
         524
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                                                                                                                              1.951E-08
1.776E-08
1.635E-08
1.517E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                    0.000E+00
         527
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               1.418E-08
2.834E-08
                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                       0.000E+00
                     1.418E-08
         530
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                             0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               3.399E-08
                     3.399E-08
                                         0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                               4.066E-08
                     4.066E-08
                                                                                                    0.000E+00
                                                                                                                      0.000E+00
         533
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               4.829E-08
5.766E-08
                      4.829E-08
                                         0.000E+00
                                                             0.000E+00
         534
                                                                                                                                                                                                    0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                     5.766E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               7.088E-08
                     7.088E-08
8.892E-08
         536
                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               8.892E-08
                                                             0.000E+00
                                                                                0.000E+00
         537
                                                                                                                                                               3.129E-07
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                     3.129E-07
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                               2.835E-07
         539
                     2 835E-07
                                                                                                                                                               2.480E-07
1.379E-07
                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                      2.480E-07
                                                             0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
         540
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                      1.379E-07
                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                               9.362E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                             0.000E+00
                      9.362E-08
                                         0.000E+00
         542
                     6.951E-08
5.187E-08
4.046E-08
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               6.951E-08
5.187E-08
                                         0.000E+00
                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                                                                                        0.000E+00
         543
                                                             0.000E+00
                                                                                                                                                                                                    0.000E+00
                                         0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                               4.046E-08
         545
                      3.274E-08
                                         0.000E+00
                                                             0.000E+00 0.000E+00 0.000E+00
                                                                                                                       0.000E+00 0.000E+00
                                                                                                                                                              3.274E-08
```

```
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 2.761E-08
2.414E-08
2.160E-08
                                                                                                   0.000E+00
0.000E+00
                                                             0.000E+00 0.000E+00
                     2.761E-08
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                     2.414E-08
2.160E-08
                                         0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                                         0.000E+00
                                                             0.000E+00
                                                                                 0.000E+00
                                                                                                     0.000E+00
                     1.961E-08
        550
                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                  1.801E-08
                                                                                                                                                                                                        0_000E+00
                                                                                                                         0,000E+00
                                                                                                                                             0.000E+00
                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                 1.66E-08
1.550E-08
                                                                                                                                                                                                        0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                         0.000E+00
0.000E+00
                     1.666E-08
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                     1.550E-08
                                                             0.000E+00
        553
                                                                                                                                                                  1.449E-08
                                                                                                                                                                                                        0.000E+00
                      1.449E-08
                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 2.498E-08
2.980E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                         0.000E+00
         555
                     2.498E-08
2.980E-08
                                                                                                                                                                                                        0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                             0.000E+00
         556
                                                                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                  3.642E-08
                                         0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                      3.642E-08
                                                                                                                                                                  4.365E-08
                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                      4.365E-08
         558
                                                                                                                                                                                                        0.000E+00
                                                                                                                                             0.000E+00
                      5.354E-08
                                                             0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                         0.000E+00
         559
                                                                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 6.753E-08
                      6.753E-08
                                                             0.000E+00
                                         0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 182

        0.000E+00
        <t
                                                                                                                                             0.000E+00 1.223E-07
0.000E+00 2.061E-07
                                                                                                                                                                                                        0 000E+00
                                                                                                                                                                                                        0.000E+00
                     2.061E-07
5.935E-07
7.055E-07
                                                                                                                                                                 5.935E-07
7.055E-07
6.201E-07
1.373E-07
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
         563
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
         564
                                                             0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                     6.201E-07
1.373E-07
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                             0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  8.725E-08
                                                             0.000E+00
0.000E+00
                      8.725E-08
                                                                                                                                                                 6.086E-08
4.541E-08
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                      6.086E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                      4.541E-08
                                                                                                     0.000E+00
0.000E+00
                                                             0.000E+00
         569
                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  3.675E-08
                                                                                                                                                                                                       0.000E+00
                                                                                                                                              0.000E+00
                      3.675E-08
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                 3.132E-08
2.756E-08
                                                                                                                                                                                                        0.000E+00
                     3.132E-08
2.756E-08
2.457E-08
2.219E-08
                                                                                                                                                                                                   0
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
         572
                                                                                                                                                                  2.457E-08
                                                                                                                                                                                                        0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                                                  2.219E-08
                                                                                                                                                                                                         0.000E+00
                                                                                  0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                  2.013E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                      2.013E-08
         575
                                                                                                                                                                  1.826E-08
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                      1.826E-08
                                                                                                                                                                  1.654E-08
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                      1.654E-08
                                                                                                                                                                  1.498E-08
                                                                                                                                                                                                         0.000E+00
                                                                                 0.000E+00
0.000E+00
                      1.498E-08
                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                  1.360E-08
2.086E-08
                                                                                                                                              0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                      1.360E-08
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                      2.086E-08
2.465E-08
                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  2.465E-08
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
          581
                                                                                                                                                                  2.913E-08
3.557E-08
                                                                                                                                              0.000E+00
                                         0.000E+00
0.000E+00
                      2.913E-08
                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                      3.557E-08
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                                                              0.000E+00
          583
                                                                                                                                                                   4.603E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                      4.603E-08
                                          0.000E+00
         584
                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                  6.029E-08
1.197E-07
2.085E-07
                                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                      6.029E-08
1.197E-07
                                          0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                  0.000E+00
          586
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
          587
                      2.085E-07
                                          0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                  5.935E-07
1.404E-07
7.121E-08
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                      5.935E-07
1.404E-07
                                          0.000E+00
0.000E+00
          588
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          589
                                                                                                                                              0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                 0.000E+00
0.000E+00
                      7,121E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                   5.349E-08
                                          0.000E+00
0.000E+00
          591
                      5.349E-08
                                                                                                                                                                   4.340E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                      4.340E-08
                                                              0.000E100
                                                                                  0.000E100
         592
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   3.651E-08
                                                                                                                                                                                                         0.000E+00
                      3.651E-08
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
         593
                                          0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                  3.127E-08
2.703E-08
                                          0.000E+00
                      3.127E-08
                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                      2.703E-08
2.345E-08
                                                              0.000E+00
                                                                                  0.000E+00
                                          0.000E+00
          595
                                                                                                                                              0.000E+00
                                                                                                                                                                  2.345E-08
2.046E-08
1.799E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
          597
                      2.046E-08
                                                                                                                                                                                                         0.000E+00
                      1.799E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          598
                                                                                  0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                   1.595E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
                      1.595E-08
                                          0.000E+00
                                                                                                                                                                  1.431E-08
1.293E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                      1.431E-08
1.293E-08
                                          0.000E+00
          600
                                                                                                                                                                                                         0.000E+00
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          601
                                                                                                                                               0.000E+00
                                                                                                                                                                   1.182E-08
                                                                                                                                                                                                         0.000E+00
                      1.182E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  1.765E-08
2.056E-08
2.490E-08
                                                                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                      1.765E-08
2.056E-08
2.490E-08
                                          0.000E+00
0.000E+00
0.000E+00
          603
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                  0.000E+00
          604
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                  3.040E-08
3.792E-08
                                                                                                                                               0.000E+00
                                                              0.000E+00
                      3.040E-08
                                          0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                      3.792E-08
          607
                                                                                                                                                                   4.968E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                      4.968E-08
                                           0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          608
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                  7.126E-08
1.776E-07
                      7.126E-08
1.776E-07
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                                                   0
                                                              0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                               0.000E+00
          610
                                                                                                                                                                                                         0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                   9.197E-08
                                                                                                                          0.000E+00
                      9.197E-08
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
          611
                      6.366E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 | Input File: g:\ace\GQ91\GQPACE.DAT | Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                     11/07/95 09:41:42
                                                                                                                                                                                                                            Page -
                                                                                                                                                                  4.886E-08
                                                                                                                                                                                                    0
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                               0.000E+00
                                                                                  0.000E+00 0.000E+00
                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                   3.892E-08
3.176E-08
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                                                    ٥
                                                                                  0.000E+00
0.000E+00
                      3.892E-08
                                          0.000E+00
                                                              0.000E+00
                                                              0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                      3.176E-08
2.670E-08
                                                                                                                                                                   2.670E-08
2.292E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                   0.000E+00
          616
                                                                                                                                                                                                         0.000E+00
0.000E+00
                       2.292E-08
                                           0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   2.012E-08
1.796E-08
                      2.012E-08
1.796E-08
                                                                                                      0.000E+00
                                                                                                                                               0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                                      0.000E+00
0.000E+00
          619
                                                                                                                                                                   1.626E-08
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                       1.626E-08
                                           0.000E+00
                                                                                                                                                                   1.488E-08
1.371E-08
1.275E-08
                                                                                                      0.000E+00
                      1.488E-08
1.371E-08
                                          0.000E+00
          621
                                                                                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
          622
                                                                                  0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                                                                                         0.000E+00
                                           0.000E+00
                                                              0.000E+00
          623
                                                                                                                                                                   1.220E-08
1.579E-08
1.751E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                                               0.000E+00
                      1.220E-08
                                                              0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                      1.579E-08
1.751E-08
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
          625
                                                                                                      0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
          626
                                           0.000E+00
                                                               0.000E+00
                                                                                                                                                                   1.965E-08
2.299E-08
2.863E-08
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                       1.965E-08
                                          0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                       0.000E+00
          628
                      2.299E-08
                                                                                                                                                                                                         0.000E+00
                      2.863E-08
3.850E-08
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                       0.000E+00
          629
                                                                                                                           0.000E+00
                                                                                                                                                                    3.850E-08
                                                              0.000E+00
0.000E+00
          630
                                                                                                                                                                                                          0.000E+00
                                                                                                                                                                   5.569E-08
9.201E-08
                                                                                                       0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                       5.569E-08
          631
                                                                                                                                                                                                          0.000E+00
                      9.201E-08
1.159E-07
7.149E-08
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                           0.000E+00
                                                               0.000E+00
                                                                                                       0.000E+00
          632
                                                                                                                                                                   1.159E-07
7.149E-08
5.286E-08
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                          0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
          633
```

0.000E+00 0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00 0.000E+00

634

5.286E-08

0.000E+00

```
4.160E-08
3.415E-08
2.905E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                      0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                          0.000E+00
                                                                                                                             0.000E+00
       636
                   4.160E-08
                                    0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                      0.000E+00
0.000E+00
                  3.415E-08
2.905E-08
                                    0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
       638
                                                                                                                                               2.516E-08
2.207E-08
                                                                                                                             0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                        0.000E+00
                   2.516E-08
                                    0.000E+00
                                                      0.000E+00
       639
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                    0.000E+00
0.000E+00
                                                      0.000E+00
                                                                        0,000E+00
                   2.207E-08
                                                                                                                                                                                  0.000E100
                                                                                                                                                1.960E-08
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                         0.000E+00
                   1.960E-08
       641
                                                                                                                              0.000E+00
                                                                                                                                               1.763E-08
1.598E-08
                                                                                                                                                                                  0.000E+00
                                                      0.000E+00
0.000E+00
                   1.763E-08
                                    0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                    0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                                             0.000E+00
                   1.598E-08
       643
                                                                                                                                                                                  0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                1.460E-08
                                                                        0.000E+00
0.000E+00
                   1.460E-08
                                                      0.000E+00
       644
                                                      0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                               1.341E-08
1.243E-08
                                                                                                                              0.000E+00
                   1.341E-08
                                    0.000E+00
                                    0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                             0.000E+00
                   1.243E-08
1.155E-08
       646
                                                                                                                              0.000E+00
                                                                                                                                                1.155E-08
                                                                                                                                                                                  0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
       647
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                1.297E-08
                                    0.000E+00
0.000E+00
0.000E+00
                                                      0.000E+00
                   1.297E-08
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.452E-08
                                                                                                                                                                                  0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
                   1.452E-08
1.650E-08
                                                                                                                              0.000E+00
                                                                                                                                                1.650E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
       650
                                                                                                                                               1.914E-08
2.315E-08
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                   1.914E-08
                                    0.000E+00
                                                                                                                                                                                  0.000E+00
                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
                   2.315E-08
2.878E-08
        652
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                2.878E-08
                                                      0.000E+00
0.000E+00
                                     0.000E+00
                                                                        0.000E+00
        653
                                                                                                                                               3.834E-08
5.850E-08
                                                                                                                              0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                            0.000E+00
                   3.834E-08
5.850E-08
2.411E-07
1.545E-07
                                    0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                    0.000E+00
                                                       0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
        655
                                                                                          0.000E+00
0.000E+00
                                                                                                                                               2.411E-07
1.545E-07
9.193E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                             0
                                                                        0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                     0.000E+00
        656
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                                                                                  0.000E+00
                   9.193E-08
6.103E-08
                                                                                          0.000E+00
0.000E+00
                                                       0.000E+00
                                                                        0.000E+00
                                     0.000E+00
        658
                                                                                                                                                6.103E-08
                                                                                                                                                                                  0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                        0.000E+00
        659
                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                4.498E-08
3.546E-08
                                                      0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                             0
                   4.498E-08
                                    0.000E+00
0.000E+00
        660
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                              0.000E+00
                   3.546E-08
        661
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                2.921E-08
                                                                                                                                                                             0
                                    0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                   2.921E-08
        662
                                                                                                                                               2.493E-08
2.294E-08
                                                                                                                                                                             0
                                                                                                                              0.000E+00
                   2.493E-08
                                                                                                                                                                                  0.000E+00
                                                                                                                              0.000E+00
                   2.294E-08
                                                      0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                     0.000E+00
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
11/07/95 09:41:42 Page - 18
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                   1.969E-08 0.000E+00 0.000E+00
1.697E-08 0.000E+00 0.000E+00
1.527E-08 0.000E+00 0.000E+00
1.385E-08 0.000E+00 0.000E+00
                                                                        0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               1.969E-08
1.697E-08
1.527E-08
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                             0
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
        666
                                                                                                                                                                             0
        667
                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.385E-08
1.266E-08
                                    0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
                   1.385E-08
1.266E-08
        668
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
        669
                                                                                                                                                1.168E-08
1.085E-08
                                                       0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
                    1.168E-08
                    1.085E-08
                                                                        0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.013E-08
                                                                                          0.000E+00
0.000E+00
                    1.013E-08
                                     0.000E+00
                                                       0.000E+00
        672
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.154E-08
1.291E-08
1.471E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                    1.154E-08
                                                                                          0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   1.291E-08
1.471E-08
        674
                                                                                                                                                                                  0.000E+00
                                     0.000E+00
                                                       0.000E+00
        675
                                                       0.000E+00
0.000E+00
                                                                                                                                                1.723E-08
2.066E-08
2.610E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                    1.723E-08
                                     0.000E+00
0.000E+00
                                                                         0.000E+00
                    2.066E-08
        677
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
                    2.610E-08
                                     0.000E+00
        678
                                                                                                                                                3.514E-08
4.773E-08
9.117E-08
1.714E-07
1.801E-07
                                                                                                                                                                                  0.000E+00
                                                                                                                              0.000E+00
                                     0.000E100
                    3.514E-08
                                                                                          0.00E+00 0.000E+00

0.000E+00 0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                    4.773E-08
9.117E-08
                                     0.000E+00
        680
                                                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
        681
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                    1.714E-07
                                     0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                       0.000E+00
                    1.801E-07
        683
                                                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                    1.721E-07
                                     0.000E+00
                                                       0.000E+00
        684
                                                                                                                              0.000E+00
                                                                                                                                                1.118E-07
7.864E-08
5.667E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                    1.118E-07
7.864E-08
                                     0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                       0.000E+00
        686
                                                                                                                                                                                  0.000E+00
                    5.667E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
        687
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                                                4.242E-08
3.321E-08
2.761E-08
                                                                                                                                                                                  0.000E+00
                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                     0.000E+00
0.000E+00
                    4.242E-08
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                       0.000E+00
                    3.321E-08
         689
                                                                                                                                                                                  0.000E+00
                    2.761E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
        690
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                 2.352E-08
                    2.352E-08
                                     0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                2.037E-08
1.814E-08
                                                       0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
                    2.037E-08
         692
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                    1.814E-08
                                     0.000E+00
                                                       0.000E+00
         693
                                                                                                             0.000E+00
                                                                                                                                                 1.615E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                    1.615E-08
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                                                1.447E-08
1.313E-08
1.198E-08
                                                       0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
         695
                    1.447E-08
                                                                                                                                                                                   0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                    1.313E-08
         696
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                    1.198E-08
         697
                                                                                                                                                1.096E-08
1.008E-08
                                                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                           0.000E+00
                    1.096E-08
         698
                                                                                                                                                                                   0.000E+00
                                                                                          0.000E+00
0.000E+00
                    1.008E-08
                                                       0.000E+00
                                                                         0.000E+00
         699
                                                                                                                                                1.025E-08
1.159E-08
1.329E-08
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                    1.025E-08
                                     0.000E+00
                                                       0.000E+00
0.000E+00
         700
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
                    1.159E-08
                                     0.000E+00
0.000E+00
         701
                                                                                                                                                                                   0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
0.000E+00
                    1.329E-08
         702
                                                                                                                                                 1.561E-08
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                    1.561E-08
                                     0.000E+00
                                                        0.000E+00
         703
                                                                                                                                                1.814E-08
2.102E-08
                                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                    1.814E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                    2.102E-08
2.464E-08
         705
                                                                                                                                                2.102E-08
2.464E-08
2.943E-08
4.236E-08
7.599E-08
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
         706
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                    2.943E-08
                                     0.000E+00
                                                       0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                    4.236E-08
7.599E-08
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
         708
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                        0.000E+00
         709
                                                                                                                                                 1.157E-07
                                                                                                                                                                                   0.000E+00
                    1.157E-07
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                 1.318E-07
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                    1.318E-07
         711
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 1.271E-07
                                                                                                                                                                                   0.000E+00
                                                                                                             0.000E+00
0.000E+00
                    1.271E-07
                                     0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
0.000E+00
         712
                                                                                                                                                 9.222E-08
                                                                                                                                                                                   0.000E+00
                    9.222E-08
6.940E-08
5.260E-08
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                     0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                6.940E-08
5.260E-08
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00 4.183E-08
                                                                                                             0.000E+00
                                                                                                                                                                              0 0 000E+00
                                                                                           0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                          0.000E+00
                    4.183E-08
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                 11/07/95
                                                                                                                                                                                   09:41:42
                                                                                                                                                                                                    Page -
                                                                                                                               0.000E+00 3.245E-08
0.000E+00 2.659E-08
                                                                                                             0 000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                      0.000E+00
                                                        0.000E+00
                    3.245E-08
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                    2.659E-08
2.221E-08
1.932E-08
                                     0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
         718
719
                                                                                                                                                                              ō
                                                                                                                               0.000E+00
                                                                                                                                               2.221E-08
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               1.932E-08
1.719E-08
                                                        0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
         720
                                                                                                                               0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
         721
                    1.719E-08
                                                                          0.000E+00
                                                                                                             0.000E+00 0.000E+00 1.537E-08
0.000E+00 0.000E+00 1.395E-08
0.000E+00 0.000E+00 1.286E-08
                                                                                           0.000E+00
                    1.537E-08
1.395E-08
                                                                          0.000E+00
         722
                                                                                                                                                                              0 0.000E+00
0 0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
         723
```

0.000E+00

1.286E-08

0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                          1.188E-08
1.102E-08
1.020E-08
                                           1.188E-08
1.102E-08
1.020E-08
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                   0.000E+00
                 725
726
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                  727
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                           9.434E-09
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
                                            9.434E-09
                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.313E-08
                  729
730
                                            1.313E-08
                                            1.445E-08
1.572E-08
1.729E-08
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                           1.445E-08
1.572E-08
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                  0.0007,000
                                                                                   0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.729E-08
                                                                                                                                                                                                                                                       0.000E+00
                  732
                                                                                                                                                                                                                                                                                                                                           1.853E-08
2.116E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
                                            1.853E-08
                  733
                                            2.116E-08
                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
                                            2.619E-08
4.120E-08
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                           2.619E-08
                  735

      2.619E-08
      0.000E+00
       0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            4.120E-08
                                                                                                                                                                       0.000E+00
                  736
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            6.643E-08
                  737
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                            8.969E-08
                                                                                                                                                                                                                                                                                                                                            9.904E-08
9.963E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                  739
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                            7.879E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            7.398E-08
5.271E-08
                                                                                                                                                                                                                                                                                                                                            3.906E-08
                                                                                                                                                                                                                                                    0.000E+00
                  744
                                                                                                                                                                                                                                                                                                                                            3.247E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                  745
                                                                                                                                                                                                                                                                                                                                           2.640E-08
2.214E-08
1.901E-08
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                  747
748
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.647E-08
                                                                                                                                                                                                                                                                                                                                           1.468E-08
1.332E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                  750
751
                                                                                                                                                                                                                                                                                                                                            1.214E-08
                                                                                                                                                                                                                                                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                           1.121E-08
1.054E-08
1.063E-08
9.437E-09
1.316E-08
                                                                                                                                                                                                                                                                                                   0.000E+00
                   753
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                   754
                   756
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.402E-08
1.420E-08
1.479E-08
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                    759
                    760
                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             1.638E-08
                                                                                                                                                                                                                                                                                                                                            1.913E-08
2.785E-08
3.913E-08
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                    762
                                            2.785E-08
3.913E-08
5.840E-08
7.451E-08
7.914E-08
7.895E-08
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                              0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                    764
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            5.840E-08
7.451E-08
7.914E-08
7.895E-08
                                                                                                                                                                        0.000E+00
                    765
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00 0.000E+00
                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 186
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT

        0.000E+00
        <t
                                                                                                                                                                                                                                                                                                                                            7.476E-08
6.982E-08
6.905E-08
                                                                                                                                                                                                                                                                                                                                                                                                                           0.000E+00
                                            7.476E-08 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   769
770
771
                                            7.476E-08 0.000E+00
6.982E-08 0.000E+00
6.905E-08 0.000E+00
4.574E-08 0.000E+00
3.726E-08 0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             4.574E-08
3.726E-08
3.135E-08
                                          773
                                                                                                                                                                                                                                                                                                                                            2.648E-08
2.235E-08
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             1.903E-08
                                                                                                                                                                                                                                                                                                                                             1.663E-08
1.461E-08
1.302E-08
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                                                             1.186E-08
1.083E-08
1.009E-08
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                    782
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
                    783
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.083E-08
8.767E-09
1.215E-08
1.215E-08
1.204E-08
1.350E-08
2.029E-08
2.736E-08
2.736E-08
6.297E-08
6.297E-08
6.527E-08
6.416E-08
6.170E-08
5.215E-08
4.334E-08
3.571E-08
                                                                                                                                                                                                                                                                                                                                              1.083E-08
                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
                    785
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                    786
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

                    788
                    789
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                                            2.736E-08 0.000E+00
3.759E-08 0.000E+00
5.295E-08 0.000E+00
6.297E-08 0.000E+00
6.527E-08 0.000E+00
6.170E-08 0.000E+00
5.215E-08 0.000E+00
5.215E-08 0.000E+00
3.571E-08 0.000E+00
3.571E-08 0.000E+00
2.610E-08 0.000E+00
2.232E-08 0.000E+00
1.920E-08 0.000E+00
1.480E-08 0.000E+00
1.480E-08 0.000E+00
1.312E-08 0.000E+00
                    792
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                     795
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                     798
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00
                    800
                                                                                                                                                                         0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                    801
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                             3,571E-08
3.006E-08
2.610E-08
2.232E-08
1.920E-08
1.659E-08
1.480E-08
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                    804
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                  0 0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                    805
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                    807
                                                                                                                                                                                                                                                                                                                                                                                                                  0 0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                                          0.000E+00
                    808
                                                                                                                                                                                                                                                                                                                                                                                                                  0 0:000E+00
                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                                               1.312E-08
                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                                                              1.175E-08
1.077E-08
9.933E-09
                                                                                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                                              1.175E-08
1.077E-08
                     810
                                                                                                                                                                                                                                                                                                                                                                                                               0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                    811
                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                               9.933E-09
                                                                                      0.000E+00
                                                                                                                                                                                                                  0.000E+00 0.000E+00 0.000E+00 9.154E-09
0.000E+00 0.000E+00 0.000E+00 8.425E-09
                                                                                      0.000E+00
0.000E+00
                                               9.154E-09
                                                                                                                                                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 187
```

RECEPTOR # 134 HAS MAXIMUM PEAK RISK OF 2.042E-06
PEAK RECEPTOR LOCATED AT (X, Y) = 391840.000 3870853.000
RECEPTOR POPULATION = 0
RECEPTOR BURDEN = 0.000E+00

TOTAL CANCER EXCESS BURDEN FROM ALL RECEPTORS = 0.000E+00 BURDEN COMPUTED WITH ZONE OF IMPACT RISK LEVEL = 1.000E-07

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 188

*** 70-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

1 2 3 4 5 6 7	2.071E-10 3.904E-10 1.438E-09 1.756E-09 1.628E-09 6.464E-10 4.425E-10	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	2.071E-10 3.904E-10	
8 9 10 11 12 13 14 15 16 17 18 19 22 1 22 22 24 25 6 27 28 29 31 32 33 34 35 6 37 38 9 40	1.224E-08 5.481E-09 2.311E-09 5.027E-08 2.705E-07 7.814E-08 1.048E-06 2.190E-08 2.254E-09 4.687E-10 8.817E-10 3.237E-09 3.915E-09 3.570E-09 1.365E-09 9.822E-10 2.6293E-08 1.180E-08 4.626E-09 1.283E-08 1.180E-08 4.626E-09 3.484E-09 1.283E-08 1.566E-08 1.452E-08 5.767E-09 5.572E-09 3.948E-09 1.092E-07 4.891E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	1. 438E-09 1. 756E-09 1. 756E-09 1. 628E-09 6. 464E-10 4. 425E-10 1. 224E-08 5. 481E-09 2. 311E-09 5. 027E-08 2. 705E-07 7. 315E-08 1. 048E-06 2. 190E-08 2. 254E-09 4. 687E-10 3. 237E-09 3. 915E-09 3. 915E-09 1. 412E-09 1. 365E-09 91. 365E-09 91. 365E-09 91. 283E-08 1. 180E-08 1. 180E-08 1. 566E-09 1. 484E-09 1. 283E-08 1. 566E-08 1. 566E-08 1. 566E-08 1. 566E-08 1. 566E-09 1. 452E-09 3. 948E-09 1. 948E-09	
41 42 43	7.851E-09 3.616E-09 4.809E-09	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.616E-09 4.809E-09	
GOLDEN QUE Input File	EN MINING - S : g:\ace\GQ91	SOLEDAD MTN I	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, P g:\ace\GQ91	M10 * \GQPACE.OUT	OUTPUT OF A	MI/SBCAPCD A 11/07/9	VERS. 93288 * Page - 189
44 45 46 47 49 50 51 52 53 55 57 57 58 61 62 63 64 65 67 68 8	4.933E-09 1.243E-09 2.629E-09 1.934E-08 7.705E-09 1.666E-09 1.344E-09 3.387E-10 5.271E-09 2.100E-09 4.541E-10 1.308E-08 3.294E-09 6.970E-09 5.128E-08 2.043E-08 4.417E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.827E-09 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	4.933E-09 1.243E-09 2.629E-09 1.934E-08 7.705E-09 1.344E-09 3.387E-10 7.165E-10 5.271E-09 2.100E-09 4.541E-10 1.308E-08 3.294E-09 6.970E-09 5.128E-08 2.043E-08 4.417E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.827E-09 0.000E+00	

RECEPTOR RISK OF Z.042E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 2.042E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07
RECEPTOR POPULATION = 0
RECEPTOR BURDEN = 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 190

*** 70-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb N1 PAH Se	0.000E+00 1.429E-06 0.000E+00 1.387E-07 6.905E-08 3.941E-07 0.000E+00 7.316E-09 3.413E-09 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.000E+00 1.429E-06 0.000E+00 1.387E-07 6.905E-08 3.941E-07 0.000E+00 7.316E-09 3.413E-09 0.000E+00 0.000E+00
SUM	2.042E-06	0,000E+00	0.000E+00	0.000E+0D	D.000E+00	0.000E+00	0.000E+00	2.042E-06

RECEPTOR RISK OF 2.042E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 2.042E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07 RECEPTOR POPULATION = 0 RECEPTOR BURDEN = 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 191

*** 70-YEAR LIFETIME DOSE (mg/kg/d) BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

LUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 192

*** 44-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

SOURCE	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
1	1.302E-10	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		1.302E-10 2.454E-10
2	2.454E-10	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00		9.041E-10
3	9.041E-10	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.104E-09
4	1,104E-09 1,023E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.023E-09
ž	4.063E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		4 063E-10
9	3.926E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		3.926E-10
8	2.781E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		2.781E-10
9	7.697E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		7.697E-09
10	3.445E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		3.445E-09
11	1.453E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.453E-09
12	3.160E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		3.160E-08
13	1.701E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.701E-07
14	4.911E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		4.911E-08
15	4.598E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		4.598E-08
16	6.590E~07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		6.590E-07
17	1.377E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.377E-08
18	1.417E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.417E-09
/ 19	2.946E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.946E-10
20	5.542E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.542E-10
21	2.035E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0,000E+00	2.035E-09
22	2.461E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+0D	0,000E+00	0.000E+00	2.461E-09
23	2.244E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0,000E+00	0.000E+00	2.244E-09

```
8.876E-10
8.580E-10
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
        24
25
26
27
               8.876E-10
                              0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                             0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
               8.580E-10
                              0.000E+00
                                                                                                                           6.174E-10
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
                              0.000E+00
               6.174E-10
                                                                                                                           1.693E-08
                                                                                            0.000E+00
                                              0.000E+00
                                                             0,000E+00
                                                                            0.000E+00
               1.693E-08
                              0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           7.415E-09
                                                                             0.000E+00
               7.415E-09
                              0.000E+00
                                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E100
                                                                                                                           2.908E-09
                                                             0.000E+00
                              0.000E+00
               2.908E-09
                                                                                                                           1.161E-09
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
               1.161E-09
2.190E-09
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
        30
                                                                                                            0.000E+00
                                                                                                                           2.190E-09
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           8.064E-09
                                              0.000E+00
               8.064E-09
                              0.000E+00
0.000E+00
                                                                                                            0 000E+00
                                                                                                                           9.845E-09
               9.845E-09
9.128E-09
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
        33
                                                                                                            0.000E+00
                                                                                                                           9.128E-09
                                              0.000E+00
0.000E+00
                                                             0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           3.625E-09
3.503E-09
                              0.000E+00
0.000E+00
               3.625E-09
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
0.000E+00
               3.503E-09
        36
                                                                                                                           2.482E-09
6.867E-08
                                                                                                            0.000E+00
                                                             0.000E+00
                                              0.000E+00
0.000E+00
               2.482E-09
                              0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
0.000E+00
               6.867E-08
                                                                                                                            3.074E-08
                                                                                                            0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
               3.074E-08
        39
                                                                                                                           1.296E-08
4.935E-09
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
0.000E+00
               1.296E-08
                              0.000E+00
         40
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                              0.000E+00
               4.935E-09
2.273E-09
                                                                                                            0.000E+00
                                                                                                                            2.273E-09
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           3.023E-09
                                              0.000E+00
               3.023E-09
                              0.000E+00
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 193
COLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Thout File: g:\ace\GO91\GOPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                     193
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           3.101E-09
                                              0.000E+00
0.000E+00
               3.101E-09
                                                             0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           7.811E-10
1.653E-09
               7.811E-10
1.653E-09
                              0.000E+00
                                                                                                            0.000E+00
                                                                             0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                            0.000E+00
        46
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            1.216E-08
               1.216E-08
                              0.000E+00
                                              0.000E+00
                                                             0 000E+00
                                              0.000E+00
0.000E+00
                                                                                                                            4.843E-09
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                              0.000E+00
0.000E+00
               4.843E-09
                                                                                                                            1.047E-09
                                                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
               1.047E-09
                                                                                                                            8.448E-10
               8.448E-10
2.129E-10
                                                                             0.000E+00
                                                             0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
         50
                                                                                                                           2.129E-10
4.504E-10
3.313E-09
                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                             0.000E+00
                              0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
               4.504E-10
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
        52
53
               3.313E-09
1.320E-09
2.854E-10
                                                                             0.000E+00
                              0.000E+00
                                              0.000E+00
0.000E+00
                                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                            1.320E-09
                              0.000E+00
0.000E+00
                                                                                                                            2.854E-10
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
         55
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            8.219E-09
                                              0.000E+00
0.000E+00
               8.219E-09
                              0.000E+00
                                                              0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                            2.071E-09
               2.071E-09
4.381E-09
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
        57
58
                              0.000E+00
0.000E+00
                                                                                                                            4.381E-09
                                                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                                                                            3.223E-08
                                                              0.000E+00
               3.223E-08
                              0.000E+00
                                              0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                            1.284E-08
                                              0.000E+00
               1.284E-08
2.777E-09
                              0.000E+00
0.000E+00
         60
                                                                                                                            2.777E-09
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
         61
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                             0.000E+00
                                              0.000E+00
0.000E+00
                                                              0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                            0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
         63
               0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                              0.000E+00
                                                                                             0.000E+00
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
         64
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
               0.000E+00
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                              0 000E+00
                                                                                                                            0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                              0.000E+00
                                                                              0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
0.000E+00
         66
               0.000E+00
                                                                                                            0.000E+00
                                                                                                                            3.034E-09
         67
               3.034E-09
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                                                            0.000E+00
                                                                                                                            1.283E-06
                                                                             0.000E+00
                                                                                             0.000E+00
                              0.000E+00
                                              0.000E+00
                                                              0.000E+00
       SUM
               1.283E-06
```

RECEPTOR RISK OF 1.283E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1.283E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

44-YEAR LIFETIME RISK OF 1.283E-06 IS LOWER THAN 70-YEAR LIFETIME RISK OF 2.042E-06

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 194

*** 44-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 8.983E-07 0.000E+00 8.718E-08 4.340E-08 2.477E-07 0.000E+00 4.599E-09 2.146E-09 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 8.983E-07 0.000E+00 8.718E-08 4.340E-08 2.477E-07 0.000E+00 4.599E-09 2.146E-09 0.000E+00
SUM	1.283E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.283E-06

RECEPTOR RISK OF 1.283E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1.283E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

44-YEAR LIFETIME RISK OF 1.283E-06 IS LOWER THAN 70-YEAR LIFETIME RISK OF 2.042E-06

*** 44-YEAR LIFETIME DOSE (mg/kg/d) BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 196

*** MAXIMUM ACUTE HAZARD INDEX BY POLLUTANT ***

POLLUTANT	PEAK CONC (ug/m3)	BACKGR (ug/m3)	TOTAL (ug/m3)	AEL (ug/m3)	HAZARD INDEX	RECEPTOR
ACROL Cu HCHO HCN Hg Ni Se	0.000E+00 0.000E+00 0.000E+00 3.934E+01 0.000E+00 1.568E-02 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 3.934E+01 0.000E+00 1.568E-02 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00	0.000E+00 0.000E+00 1.192E-02 0.000E+00 1.568E-02 0.000E+00	0 0 68 0 40
YVIEN	0 000E+00	0.000E+00	0.000E+00	4.400E+03	0.000E+00	0

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 197

*** RECEPTOR ACUTE HAZARD INDICES BY TOXICOLOGICAL ENDPOINTS ***

FROM ALL SOURCES AND POLLUTANTS

				Theathy	KIDN	LIVER	REPRO	RESP	EYE
RECEP	TOR	CA	CNS	IMMUN	KIDN	LIVER	KLINO	TWO:	212
	1	0.000E+00	1.740E-03	2.347E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	2	0.000E+00	1.716E-03	1.009E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	3	0.000E+00	1.721E-03	9.580E-04	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	4	0.000E+00	1.886E-03	2.895E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	5	0.000E+00	1.835E-03	2.818E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	6	0.000E+00	1.766E-03	2.723E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	7	0.000E+00	1.799E-03	1.662E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	8	0.000E+00	1.842E-03	2.002E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00
	9	0.000E+00	1.876E-03	2.100E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00
	10	0.000E+00	2.970E-03	2.623E-03	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
	11	0.000E+00	3.268E-03	2.212E-03	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
	12	0.000E+00	9.015E-03	2.545E-03	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	13	0.000E+00	6.089E-03	7.372E-03 7.333E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	14	0.000E+00 0.000E+00	6.609E-03 6.190E-03	7.178E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	15	0.000E+00	7.845E-03	6.400E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	16	0.000E+00	4.936E-03	1.454E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	17 18	0.000E+00	4.543E-03	2.776E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	19	0.000E+00	4.483E-03	2.644E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	20	0.000E+00	6.031E-03	3.374E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	21	0.000E+00	2.920E-03	3.061E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	22	0.000E+00	3.012E-03	2.966E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	23	0.000E+00	3.264E-03	2.681E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	24	0.000E+00	3.640E-03	2.600E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	25	0.000E+00	4.038E-03	4.210E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00
	26	0.000E+00	3.980E-03	4.290E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00
	27	0.000E+00	4.313E-03	7.513E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	28	0.000E+00	4.964E-03	9.158E-03	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
	29	0.000E+00	4.964E-03	9.157E-03	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
	30	0.000E+00	4.372E-03	7.636E-03 4.346E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	31	0.000E+00	3.952E-03 3.880E-03	4.386E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	32	0.000E+00 0.000E+00	4.542E-03	7.768E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	33 34	0.000E+00	5.318E-03	9.167E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	35	0.000E+00	4.870E-03	9.132E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	36	0.000E+00	4.991E-03	9.053E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	37	0.000E+00	4.833E-03	8.900E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	38	0.000E+00	5.243E-03	9.837E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	39	0.000E+00	6.402E-03	1.367E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	40	0.000E+00	7.378E-03	1.568E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                                        5.785E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                       3.100E-03
        130
                                       3.033E-03
3.186E-03
3.514E-03
                       0.000E+00
                                                        6.021E-03
                                                                        0.000E+00
                                                                                        0.000E+00
        131
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                       0.000E+00
                                                       8.947E-03
1.086E-02
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0 000E+00
        133
                       0 000E+00
                                                                                                                                         0.000E+00
                                                        1.137E-02
                                                                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                       3.491E-03
                                                                                        0.000E+00
        134
                       0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E100
                                                                                                                         0.000E+00
                                                                                                                                         0.0006+00
                                                        7,963E-03
                       0.000E+00
0.000E+00
                                       3.161E-03
                                       3.023E-03
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
        136
                                                                                                                                         0.000E+00
                       0.000E+00
                                       2.979E-03
                                                        4.309E-03
                                                                        0.000E+00
        137
                                                        4.127E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                       2.830E-03
        138
                                                                                        0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                       2.861E-03
                                                        6.596E-03
                                                                        0.000E+00
        139
                                                                                                                                         0.000E+00
        140
                       0.000E+00
                                       2.832E-03
                                                        4.911E-03
                                                                        0.000E+00
                                                        6.590E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                       2.564E-03
        141
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                       2.460E-03
                                                        4.638E-03
                                                                        0.000E+00
        142
                                       2.326E-03
2.227E-03
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                        3.488E-03
        143
                                                        3.952E-03
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0 000E+00
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                        3.006E-03
                                                                        0.000E+00
                                                                                        0 000E+00
                                                                                                         0 000E+00
                       0.000E+00
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 200
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                       2.210E-03
                                                        2.669E-03
                                                                        0.000E+00
                       0 000E+00
                                                                                                                                         0.000E+00
                                       2.237E-03
2.252E-03
                                                        3.133E-03
2.259E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                       0.000E+00
        147
                                                                                                                                         0.000E+00
        148
                       0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                       2.205E-03
                                                        2.164E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
        149
                                                                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                       2.115E-03
                                                        2.656E-03
                                                                        0.000E+00
        1.50
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
                                       2.064E-03
                                                        2.766E-03
                                       2.061E-03
2.003E-03
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                        2.809E-03
                       0.000E+00
0.000E+00
        152
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                        2.781E-03
                                                                                                         0.000E+00
        153
                                                        2.752E-03
2.718E-03
2.581E-03
2.764E-03
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
0.000E+00
                                       1.939E-03
1.875E-03
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
        155
156
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                        1.874E-03
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       1.872E-03
        157
                       0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
                                        1.851E-03
                                                        2.863E-03
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        158
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                        3.581E-03
2.777E-03
                       0.000E+00
                                        1.879E-03
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                       1.866E-03
        160
                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                        1.891E-03
                                                        2.893E-03
                                                                                                         0.000E+00
        161
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       1.963E-03
2.062E-03
                                                        2.940E-03
2.847E-03
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
        163
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                        2.178E-03
                                                        3.118E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        164
                                                                                                                                          0.000E+00
                                                        3.319E-03
3.346E-03
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       2.247E-03
2.268E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        166
                       0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                        2.356E-03
                                                        3.287E-03
                                                                        0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
        167
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       2.318E-03
2.375E-03
                                                        2.389E-03
2.350E-03
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        169
                       0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                        2.513E-03
                                                        2.568E-03
                                                                        0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
        170
                                                        2.393E-03
2.632E-03
                                                                                                                          0.000E+00
                                       2.542E-03
2.814E-03
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        172
                       0.000E+00
                                                        2.735E-03
2.709E-03
2.602E-03
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
                       0.000E+00
                                        3,015E-03
                                                                                                         0 000E+00
                                                                                                                          0.000E+00
        173
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                        3.001E-03
                                                                                                         0.000E+00
                                                                                         0,000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        3.031E-03
        175
                       0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                        3.014E-03
                                                        3.136E-03
                                                                                                         0.000E+00
                                                                                                                          0 000E+00
                       0.000E+00
        176
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                       2.965E-03
3.139E-03
                                                        3.128E-03
3.517E-03
                       0.000E+00
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
        178
                       0.000E+00
                                        3.560E-03
                                                        3.112E-03
                                                                        0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                        3.845E-03
                                                        3.554E-03
4.724E-03
        180
                                        4.348E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0 000E+00
                                                                                                                                          0.000E+00
        181
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                         0,000E+00
0,000E+00
                                                                                                         0.000E+00
        182
                       0.000E+00
                                        4.312E-03
                                                        4.718E-03
                                                                        0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        4.171E-03
4.149E-03
                                                        4.658E-03
4.584E-03
         183
                       0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                       0.000E+00
        184
                                                                                                                          0.000E+00
                                        3.873E-03
                                                        4.508E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
        185
                       0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        3.710E-03
3.443E-03
                                                        3.051E-03
3.227E-03
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        187
                       0.000E+00
                                        3.084E-03
                                                        3.203E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        188
                                                        2.735E-03
2.938E-03
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                        3.015E-03
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.937E-03
2.919E-03
         190
                       0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                        3.047E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        191
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                        2.908E-03
                                                        3.080E-03
                                                        4.928E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        193
                       0.000E+00
                                        2.632E-03
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                        3.772E-03
                                                                         0.000E+00
                                                                                                                                          0 000E+00
                       0.000E+00
                                        2.683E-03
        194
                                                        3.392E-03
3.191E-03
                                                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                        2.605E-03
2.709E-03
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        196
                       0.000E+00
                       0.000E+00
                                        2.722E-03
                                                        3.301E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0 000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
         197
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                       11/07/95 09:41:42
                                                                                                                                                                     Page -
                                                                                                                                                                              201
                                                        3.354E-03
3.496E-03
3.507E-03
3.397E-03
                                                                                                                          0.000E+00
                                                                                                         0.000E+00
                        0.000E+00
                                                                                         0.000E+00
                                        2.750E-03
                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                        2.785E-03
2.782E-03
        199
                                                                                                                                          0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
        200
                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                         0-000E+00
        201
                        0.000E+00
                                        2.783E-03
                                                        3.229E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.836E-03
        202
                        0.000E+00
                                                        3.283E-03
5.483E-03
4.028E-03
                                                                                                                                          0.000E+00
                        0.000E+00
                                        2.846E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
        203
                                                                                                                                          0.000E+00
                        0.000E+00
                                        2.680E-03
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.731E-03
2.720E-03
        205
                       0.000E+00
                                                        3.671E-03
3.597E-03
                                                                                                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                        0.000E+00
        206
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                        0.000E+00
                                        2.803E-03
         207
                                                        3.630E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.853E-03
        208
                       0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.879E-03
                                                        3.665E-03
                                                                         0.000E+00
                                                                                                         0.000E+00
        209
                        0.000E+00
                                                                                                                                          0.000E+00
                                                         4.093E-03
                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                        0.000E+00
                                        2.890E-03
                                                        5.402E-03
3.650E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        211
212
                                        2.834E-03
                       0.000E+00
                                                                                                                                          0.000E+00
                                        2.930E-03
                                                                                         0.000E+00
0.000E+00
                        0.000E+00
                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                          U.000E+00
                                                        3.376E-03
        213
                        0.000E+00
                                        2.934E-03
                                                                         0.000E+00
                                                         3,650E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        214
215
                       0.000E+00
0.000E+00
                                        2.895E-03
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                         5.087E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                        2.884E-03
2.907E-03
                                                        4.070E-03
3.946E-03
                                                                                         0.000E+00
                        0.000E+00
                                                                         0.000E+00
         216
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0 000E+00
                        0.000E+00
        217
```

0.000E+00

0-000E+00

0.000E+00

0.000E+00

3.985E-03

```
0.000E+00
0.000E+00
0.000E+00
                                                      4.090E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                      2.971E-03
2.997E-03
       219
220
                      0.000E+00
0.000E+00
                                                      4.619E-03
                                                                      0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                      0.000E+00
                                      2.993E-03
3.012E-03
                                                      6,947E-03
                                                                      0.000E+00
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0 000E+00
                      0.000E+00
       222
                                                                      0.000E+00
0.000E+00
0.000E+00
                                      3.048E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
       223
                      0.000E+00
                                                      3,959E-03
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                      0.000E+00
                                      3.057E-03
       224
                      0.000E+00
0.000E+00
                                                      3.756E-03
5.006E-03
                                      3.041E-03
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       225
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                      3.167E-03
                                                      4.550E-03
                                                                      0 000E+00
                                                                                      D_000E+00
        226
                                                                                      0.000E+00
                      0.000E+00
0.000E+00
0.000E+00
                                      3.179E-03
                                                      4.565E-03
                                                                      0.00DE+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       227
                                                                                                                      0.000E+00
0.000E+00
                                      3.166E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                                      0 000E+00
       228
                                                                                                                                      0.000E+00
                                      3.243E-03
3.296E-03
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                      4.892E-03
                                                                                      0.D00E+00
                                                                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                      5.573E-03
       230
                      0.000E+00
                                                                      0.000E+00
                      0.000E+00
                                      3.301E-03
                                                      6.769E-03
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       231
                                                      6.896E-03
5.395E-03
6.581E-03
                                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                      0.000E+00
                                      3.423E-03
                                                                      0 000E+00
                                                                                      0 000E+00
                                                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                      3.444E-03
3.430E-03
                      0.000E+00
0.000E+00
       233
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       234
                                      3.598E-03
3.572E-03
3.589E-03
                                                                                                                                      0.000E+00
                                                      7.353E-03
6.716E-03
6.558E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                      0,000E+00
                                                                                                                      0.000E+00
                      0.000E+00
                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                      0.000E+00
0.000E+00
        236
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
       237
                                                      6.709E-03
                                                                                                                      0.000E+00
                                      3.723E-03
3.732E-03
                      0.000E+00
                                                                      0.000E+00
                                                      6.247E-03
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                      0.000E+00
0.000E+00
                                                                      0.000E+00
        239
                                                      6.476E-03
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                      3.959E-03
                                                                      0.000E+00
        240
                                                                                                                      0.000E+00
                                                      6.857E-03
7.062E-03
                      0.000E+00
0.000E+00
                                                                      0.000E+00
                                      3.949E-03
                                      4.179E-03
                                                                      0.000E+0D
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
        242
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                                      7.017E-03
                                                                      0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
        243
                      0.000E+00
                                      4.415E-03
4.380E-03
                                                      7,261E-03
6.556E-03
                                                                      0.000E+00
                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                      0.000E+00
        245
                                       1.384E-03
                                                                                                                                      0,000E+00
        246
                      0.000E+00
                                                       1.686E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0,000E+00
                                      1.382E-03
1.359E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                      0.000E+00
0.000E+00
                                                      2.015E-03
                                                                      0.000E+00
0.000E+00
                                                       2.070E-03
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
        248
                                                       1.740E-03
                                                                      0 000E+00
                                                                                      D.000E+00
                                                                                                      0.00E+00
                                                                                                                      0:000E+00
                                                                                                                                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 202
                      0.000E+00
                                                      1.610E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                       1.329E-03
                                                      2.177E-03
2.132E-03
2.008E-03
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                      1.313E-03
1.297E-03
                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                                                      0.000E+00
                                                                                      0.000E+00
        251
                                                                      0.000E+00
                                                                                      0.000E+00
        2.52
                      0.000E+00
                                       1.287E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        253
                                                                                                                                      0.000E+00
                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                      1.282E-03
                                                      2.278E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                      1.276E-03
1.274E-03
                                                      2.114E-03
2.239E-03
        255
                      0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
        256
                      0.000E+00
                                                                                                                                      0.000E+00
                                                      1.800E-03
2.165E-03
1.338E-03
                      0.000E+00
                                      1.274E-03
1.279E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        258
                      0 000E+00
                                      1.283E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        259
                                      1.294E-03
1.307E-03
1.320E-03
                                                                                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                      0.000E+00
                                                      9.396E-04
                                                      4.695E-04
8.113E-04
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        261
                      0.000E+00
                      0.000E+00
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
        262
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      D.000E+00
                                       1.336E-03
                                                      1.048E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                                      0.000E+00
        263
                                      1.315E-03
1.369E-03
                                                                                                                       0.000E+00
                                                                                                      0.000E+00
        264
                      0.000E+00
                                                      9.681E-04
                                                      1.272E-03
1.403E-03
                                                                       0.000E+0D
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        265
                                                                                      0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                       1.371E-03
                                                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      1.413E-03
        267
                      0.000E+00
                                      1.389E-03
1.402E-03
                                                      1.443E-03
1.535E-03
1.479E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        268
                                                                                                                                      0.000E+00
0.000E+00
                                      1.386E-03
1.372E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
        270
        271
                      0.000E+00
                                      1.405E-03
                                                       1.847E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      1.361E-03
1.359E-03
                                                      1.797E-03
1.823E-03
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        273
                      0.000E+00
                                      1.367E-03
                                                      2.398E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        274
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                       1.447E-03
                                                      1.402E-03
                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        276
                                      1.434E-03
1.391E-03
                                                       1.850E-03
                      0.000E+00
                                                       2.143E-03
                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        277
                      0.000E+00
                                       1.394E-03
                                                      2.080E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      1.586E-03
1.990E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                       1.369E-03
        279
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                       1.354E-03
        280
                      0.000E+00
                                                                                                      0.000E+00
0.000E+00
        281
                      0.000E+00
                                                       2.308E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      2.235E-03
                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                      1.326E-03
                                                                      0.000E+00
                                                      2.213E-03
2.308E-03
2.293E-03
                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                      1.323E-03
1.317E-03
        283
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
        284
                      0.000E+00
                                      1.313E-03
1.314E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                                       1.894E-03
                                                                                                      0.000E+00
                                                                                                                       0.000E+D0
                                                                                                                                       0.000E+00
        286
                                                      2.205E-03
1.340E-03
                      0.000E+00
                                       1.315E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+0D
                                                                                                                                       0.000E+00
        287
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                       1.328E-03
                                                                                                                                       0.000E+00
                                                       8.393E-04
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
                                      1.332E-03
1.347E-03
        289
                                                                                                                                       0.000E+00
                                                       6.195E-04
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
        290
                                                       9.787E-04
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                       1.366E-03
                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
                                      1.385E-03
1.405E-03
                                                      1.088E-03
1.224E-03
        292
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        293
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
                                       1.425E-03
                                                       1.399E-03
                                                                       0.000E+00
                                                                                                      0.000E+00
                                                      1.514E-03
1.444E-03
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
0.000E+00
        295
                      0.000E+00
                                      1.442E-03
1.453E-03
                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        296
                      0.00DE+00
                                       1.425E-03
                                                       1.611E-03
                                                                       0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      1.457E-03
1.473E-03
                                                      1.580E-03
1.981E-03
                                                                       0.000E+00
0.000E+00
        298
                      0,000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
        299
                                       1.428E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        300
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                      1.420E-03
                                                       2.101E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 203
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
Input File: g:\ace\GQ91\GQPACE.DAT
                                                             Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0 000E+00
                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                      1.429E-03
1.474E-03
1.491E-03
                                                      2.717E 03
1.247E-03
1.566E-03
                                                                                                                       0.000E+00
0.000E+00
                                                                       0.000E100
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
        303
                                                                                                                                       0.000E+00
        304
        305
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      2.020E-03
2.254E-03
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                       1.471E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                      0.000E+00
```

1.449E-03

	0.000E+00		2.031E-03 1.697E-03 2.354E-03 2.354E-03 2.093E-03 2.461E-03 2.334E-03 1.993E-03 7.131E-04 8.247E-04 8.247E-03 1.112E-03 1.112E-03 1.112E-03 1.598E-03 1.433E-03 2.115E-03	0.000E+00 0.000E+00	0.000E+00	0.000E+00			MODEL VERS. 932	
File: 8 3545 3557 3589 3612 3645 367 3689 3712 3774 3776 3778 3889 3991 3883 3887 3889 3991 3993 3994 39990	:\ace\GQ91\GQP\ 0.000E+00	ACE.DAT 1.605E-03 1.618E-03 1.576E-03 1.598E-03 1.598E-03 1.582E-03 1.512E-03 1.619E-03 1.556E-03 1.556E-03 1.554E-03 1.554E-03 1.554E-03 1.495E-03 1.495E-03 1.495E-03 1.495E-03 1.495E-03 1.496E-03 1.495E-03 1.578E-03 1.579E-03 1.664E-03 1.771E-03 1.771E-03 1.771E-03 1.771E-03 1.771E-03 1.771E-03 1.771E-03 1.759E-03 1.759E-03 1.579E-03 1.644E-03 1.664E-03 1.750E-03 1.750E-03 1.750E-03 1.750E-03 1.750E-03 1.750E-03 1.750E-03 1.750E-03 1.579E-03 1.579E-03	Output 1.813E-03 2.260E-03 2.019E-03 2.7751E-03 3.070E-03 2.725E-03 2.638E-03 1.816E-03 1.816E-03 1.923E-03 2.363E-03 2.363E-03 2.364E-03 2.364E-03 2.444E-03 2.579E-03 2.448E-03 1.331E-03 2.197E-03 2.144E-03 1.751E-03 1.751E-03 1.751E-03 1.751E-03 1.796E-03 1.751E-03 1.796E-03 1.751E-03 1.796E-03 1.751E-03 1.796E-03 1.751E-03 2.581E-03 2.581E-03 2.581E-03 2.581E-03 2.581E-03 2.581E-03 2.555E-03 2.555E-03 2.555E-03 2.555E-03 2.555E-03	## File: g:\a 0.000E+00	Ge\GQ91\GQPAC 0.000E+00	0.000E+00	0.000E+00	11/07/95 09: 0.000E+00	41:42 Page -	204

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                     1.572E-03
1.572E-03
1.590E-03
                                                    2.405E-03
2.303E-03
2.512E-03
                                                                    0.000E+00
                                                                                                   0.000E+00
       401
402
                      0 000E+00
                                                                                                                                  0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                     0.000E+00
0.000E+00
        403
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                     1.602E-03
                                                     1.264E-03
                                                                    0.000E+00
                                                                                    0 000E+00
                                                                                                   0.000E+00
       404
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                     1,621E-03
                                                     1.059E-03
                                                                    0.000E+00
        405
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 205
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                     1.356E-03
                                                                                    0.000E+00
                      0.000E+00
                                     1.628E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     1.582E-03
                                     1.654E-03
1.673E-03
                      0.000E+00
        407
                                                                                                                                  0.000E+00
0.000E+00
                                                     1.885E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0 000E+00
        408
                                     1.705E-03
1.746E-03
1.777E-03
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                     1.822E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.0008+00
                      0.000E+00
        409
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     2.125E-03
2.633E-03
                      0.000E+00
        410
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                      0.000E+00
0.000E+00
                                      1.764E-03
                                                     2.702E-03
                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
        412
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.814E-03
1.817E-03
                                                     3.433E-03
3.222E-03
        413
                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
        414
                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                     1.801E-03
                                                     3.109E-03
                                                                                    0.000E+00
        415
                                                     3.358E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.772E-03
1.700E-03
                      0.000E+00
        416
                                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                     2.997E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                      0.000E+00
        417
                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                     1.685E-03
                                                     2.279E-03
2.472E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
        418
                                                                                                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
0.000E+00
                                     1.655E-03
1.843E-03
                                                     2.039E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0 000E+00
                                                                                                                   0.000E+00
        420
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                      1.873E-03
                                                     1.700E-03
        421
                                                     1.866E-03
2.051E-03
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                     1.833E-03
                                                                                                                                  0.000E+00
                                     1.800E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                                                   0.000E+00
        423
                                                                                                                   0.000E+00
                                                     1.721E-03
                                                                                                                                  0.000E+00
                                     1.775E-03
1.760E-03
1.737E-03
                      0.000E+00
                                                                     0.000E+00
        424
                                                     2.353E-03
2.701E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                                                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                      0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
        426
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     2.081E-03
2.704E-03
2.398E-03
                                     1.722E-03
1.692E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
                      0.000E+00
        427
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
        428
                      0.000E+00
                                                                                                                                  0.000E+00
                                     1.683E-03
                                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                      0.000E+00
        429
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     2.635E-03
2.475E-03
2.580E-03
                      0.000E+00
                                      1.668E-03
                                                                     0.000E+00
        430
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.677E-03
                      0.000E+00
0.000E+00
        431
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                      1.680E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
        432
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                     1.132E-03
1.253E-03
                                                                     0.000E+00
                                     1.696E-03
        433
                                     1.737E-03
1.750E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
        434
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                     1.451E-03
                                                                     0.000E+00
                                                                                                                   0.000E+00
        435
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.768E-03
1.787E-03
1.822E-03
                                                                     0.000E+00
        436
                      0.000E+00
                                                     1.962E-03
                                                     1.823E-03
2.318E-03
                                                                                                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                     0.000E+00
        437
                      0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
        438
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.867E-03
1.887E-03
                                                     2.880E-03
                      0.000E+00
                                                     3,188E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                  0.000E+00
        440
                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                      1.926E-03
                                                     3.707E-03
                                                                     0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
        441
                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                      0.000E+00
                                     1.928E-03
1.936E-03
                                                     3.095E-03
3.598E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        443
                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E100
0.000E+00
                                                                                                   0.000E100
        444
                                      1.866E-03
                                                     3.398E-03
                                                                     0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                     2.636E-03
2.690E-03
        445
                      0.000E+00
                                      1.844E-03
                                      1.860E-03
                                                                     0.000E+00
                                                                                    0.000E100
                                                                                                   0.000E100
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        446
                      U.000E+00
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                      1.811E-03
                                                     2.770E-03
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     2.536E-03
1.932E-03
        448
                      0.000E+00
                                      1.781E-03
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                      2.053E-03
        449
450
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                      1.987E-03
                                                     2.164E-03
                                                                     0.000E+00
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        451
                      0.000E+00
                                      1.990E-03
                                                     2.008E-03
                                                                                                                                   0.000E+00
                      0.000E+00
                                      1.938E-03
                                                     1.867E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
        452
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                      1.917E-03
                                                     2.166E-03
        453
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     1.892E-03
                      0.000E+00
                                      1.903E-03
                      0.000E+00
0.000E+00
                                                     2.637E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                      1.861E-03
        455
                                                                                                                                   0.000E+00
        456
                                     1.837E-03
                                                     2.750E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0 000E+00
                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                      0.000E+00
                                      1.812E-03
                                                     2.774E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                11/07/95
                                                                                                                                             09:41:42
                                                                                                                                                            Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                                     0.000E+00
                                      1.786E-03
1.780E-03
1.791E-03
                                                     2.742E-03
2.636E-03
2.753E-03
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                      0.000E+00
        460
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
        461
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
        462
                      0.000E+00
                                      1.855E-03
                                                     1.111E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                     1.539E-03
1.948E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                      1.852E-03
1.887E-03
        463
                      0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
        464
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                      0.000E+00
                                                                     0.000E+00
0.000E+00
                                      1.907E-03
                                                     2.036E-03
                                                                                    0.000E+00
        465
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      1.934E-03
1.969E-03
                                                     2.534E-03
3.182E-03
                      0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        467
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                       0.000E+00
                                      2.022E-03
                                                     3.704E-03
                                                                     0.000E+00
                                                                                    0.000E+00
        468
                                                                     0.000E+00
                                                     3.859E-03
3.737E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      2.066E-03
2.084E-03
                       0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                       0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
        470
                                                                                                                   0.000E+00
                       0.000E+00
                                      2.085E-03
                                                     3.833E-03
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
        471
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                      0.000E+00
                                      2.010E-03
                                                     3.079E-03
2.948E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      2.036E-03
                      0.000E+00
        473
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
        474
                                      2.011E-03
                                                      3.004E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                      1.966E-03
1.905E-03
                                                     2.672E-03
2.128E-03
                       0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        476
                      0.000E+00
                                                     1.549E-03
2.229E-03
1.947E-03
2.167E-03
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                       0.000E+00
                                      1.806E-03
        477
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                       0.000E+00
                                      2.202E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      2.250E-03
2.137E-03
        479
                       0.000E+00
                                                                                                                                   0-000E+00
                       0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
        480
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                       0.000E+00
                                      2.117E-03
                                                     2.266E-03
                                                                     0.000E+00
0.000E+00
        481
                                                      1.843E-03
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                     0.000E+00
        482
                       0.000E+00
                                      2.085E-03
2.063E-03
                                                      2.292E-03
                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E100
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                       0.000E+00
        483
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                       0.000E+00
                                      2.071E-03
                                                      2.100E-03
                                                                     0.000E+00
                                                                                     0.000E+00
                                                     2.974E-03
2.588E-03
2.765E-03
2.947E-03
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                      2.043E-03
                                                                                     U.000E+00
                                                                     0.000E+00
        485
                       0.000E+00
                                      1.973E-03
1.954E-03
1.991E-03
                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                       0.000E+00
                                                                     0.000E+00
        486
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                       0.000E+00
                                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        488
                       0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

489

2.017E-03

1.301E-03

```
1.847E-03
2.241E-03
2.770E-03
3.568E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 0.000E+00
                                         2.062E-03
2.075E-03
2.092E-03
                        0.000E+00
0.000E+00
        490
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
        491
492
                                                                                                                                                 0.000E+00
                        0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                                                             0.000E+00
                                         2.117E-03
                                                                            0.000E+00
        493
                        0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                         2,162E-03
                                                           4,200E-03
        494
                                                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
        495
                        0.000E+00
                                         2.207E-03
2.257E-03
                                                          3.809E-03
4.258E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
        496
497
                        0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                         2.203E-03
                                                           3.626E-03
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0 000E+00
                                                          3.254E-03
3.268E-03
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                         2.172E-03
2.196E-03
        498
                        0.000E+00
                                                                            0.000E+00
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
        499
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                         2.176E-03
                                                           2.800E-03
                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
        500
                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.110E-03
1.436E-03
         501
                        0.000E+00
                                         2.125E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
        502
                        0.000E+00
                                         2 016E-03
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                          1.955E-03
                                                           9.018E-04
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        503
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                         1.942E-03
2.430E-03
                                                                            0.000E+00
0.000E+00
                                                           5.907E-04
2.454E-03
         504
                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
        505
                                                           2.551E-03
2.462E-03
2.138E-03
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0,000E+00
                        0.000E+00
                                         2.427E-03
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        506
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                         2.416E-03
2.306E-03
                                                                            0.000E+00
0.000E+00
        507
                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
        508
                                                                                                                                                 0.000E+00
                                         2.324E-03
                                                           2.398E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        509
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 207
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                         2.282E-03
2.265E-03
                                                          2.205E-03
2.435E-03
2.418E-03
3.978E-03
                                                                                             0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
        511
                        0.000E+00
                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
                                         2 207E-03
        512
                                                                                                                                                 0.000E+00
0.000E+00
                                         2.225E-03
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
        513
                                                           2.627E-03
1.743E-03
2.289E-03
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                        0.000E+00
                                          2.213E-03
                                                                                                              0.000E+00
        514
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
                                         2 223E-03
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                          2.298E-03
        516
517
                                                                            0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                          2.301E-03
                                                           2.996E-03
                                                                                             0.000E+00
                                                                                                                                                 0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         518
                        0.000E+00
0.000E+00
                                                           4.080E-03
                                         2.321E-03
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                          2.325E-03
                                                           4.600E-03
                                                                                             0.000E+00
                                                                                                                                                 0.000E+00
        519
                                                                                                                                                 0.000E+00
         520
                        0.000E+00
                                         2.415E-03
2.477E-03
                                                           4.568E-03
4.281E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         521
                        0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                          2.427E-03
                                                           3.618E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                                                                 0.000E+00
         522
                                                                                                                                                 0.000E+00
                                         2.458E-03
2.415E-03
2.388E-03
                                                           3.563E-03
2.905E-03
2.038E-03
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
                                                                            0.000E+00
         523
                                                                            0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                        0.000E+00
0.000E+00
         524
                                                                                             0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
         525
                                                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                         2.242E-03
2.189E-03
                                                           1.270E-03
7.706E-04
9.710E-04
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
         526
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                        0.000E+00
0.000E+00
         52.7
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                          2.178E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
         528
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                                           1.145E-03
1.279E-03
         529
                                          2.040E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                          1.846E-03
         530
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                          2.262E-03
                                                                            0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
         531
                                                           2.012E-03
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
                                         2.664E-03
2.639E-03
                                                           2.313E-03
2.612E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         รออ
                                                           2.791E-03
2.745E-03
2.382E-03
2.546E-03
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                          2.627E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
0.000E+00
         534
                                                                                             0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                         2.560E-03
2.596E-03
                                                                            0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         536
                                                                                                                                                 0.000E+00
                                          2.614E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         537
                                                                                                                                                 0.000E+00
                                                           2.800E-03
2.111E-03
2.399E-03
                                                                                                                                0.000E+00
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
                                         2.400E-03
2.537E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
         539
                        0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
         540
                                          2.596E-03
                                                           4.361E-03
4.779E-03
4.998E-03
                                         2.569E-03
2.599E-03
                        0.000E+00
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         542
543
                                                                                                                               0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                          2.668E-03
                                                           4.047E-03
3.883E-03
                        0.000E+00
0.000E+00
                                         2.694E-03
2.783E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         545
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                              0.000E+00
0.000E+00
         546
                        0.000E+00
                                          2.703E-03
                                                           2.967E-03
                                                                            0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                         2.721E-03
2.487E-03
2.547E-03
                                                                            0.000E+00
                                                           1.889E-03
                                                           1.047E-03
1.275E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         548
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         549
                                                                                                                                                 0.000E+00
                                         2.461E-03
2.245E-03
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0 000E+00
                        0.000E+00
                                                           1.463E-03
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                           1.580E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                        0.000E+00
0.000E+00
         551
                                          2.217E-03
                                                                                                                                                 0.000E+00
0.000E+00
                                                           1.625E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         552
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0 000E+00
         553
                        0.000E+00
                                          2.197E-03
                                                           1.702E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                           1.803E-03
2.181E-03
         554
                        0.000E+00
0.000E+00
                                         2.030E-03
2.733E-03
                                                                                                                                                 0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         555
                         0.000E+00
                                         3.136E-03
2.796E-03
                                                           1.866E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                           2.443E-03
2.472E-03
         557
                        0.000E+00
                                          3.034E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
         558
                                                                                                                                                 0.000E+00
                                                           2.749E-03
3.030E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
                                          2.969E-03
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                          2.907E-03
         560
                        0.000E+00
                                          3.055E-03
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                           2.712E-03
                                                                             0.000E+00
                        0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                               11/07/95
                                                                                                                                                             09:41:42
                                                                                                                                                                             Page -
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                         0.000E+00
                                                                                              0:000E+00
                                          2.975E-03
                                                           3.130E-03
                                                                             0.000E+00
                                         2.907E-03
3.012E-03
                                                           3.976E-03
7.322E-03
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
         563
                                                                                             0.000E+00
0.000E+00
0.000E+00
                         0.000E+00
                                                                            0.000E+00
                                                                                                                                0 000E+00
         564
                                                                                                                                                 0.000E+00
                                                           6.458E-03
5.618E-03
4.531E-03
4.215E-03
                                                                                                                                0.000E+00
                                          3.053E-03
         565
                        0.000E+00
                                                                            0.000E+00
                                          2.987E-03
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         566
567
                        0.000E+00
                                                                            0.000E+00
                         0.000E+00
                                          3.014E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                         0.000E+00
                                          3.058E-03
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                         3.166E-03
3.154E-03
                                                           2.954E-03
1.641E-03
         569
                        0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                         0.000E+00
         570
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                         0.000E+00
                                          2.988E-03
                                                           1.649E-03
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
         572
                         0.000E+00
                                          2.975E-03
2.763E-03
                                                           1.825E-03
         573
                         0.000E+00
                                                           2.035E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
         574
                         0.000E+00
                                          2.653E-03
                                                           2.178E-03
2.248E-03
                                                                             0.000E+00
                                                                                              0.000E100
                                                                                                               0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                0.000E+00
         575
                        0.000E+00
                                          2.623E-03
                                          2.323E-03
                                                           2.251E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         576
                        0.000E+00
                                                                                                                                                 0.000E+00
                                         2.330E-03
2.204E-03
                                                                                                                                0 000E+00
                        0.000E+00
                                                           2.199E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
```

0.000E+00

2.104E-03

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                    2.121E-03
3.235E-03
3.370E-03
                                                                  0.000E+00
0.000E+00
                                                   1.980E-03
                                                                                 0.000E+00
                     0.000E+00
       579
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                   2.236E-03
                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0 000E+00
                                                                                                                0.000E+00
                                                                                                                                0 000E+00
                     0.000E+00
       581
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                  0.000E+00
       582
                                    3.524E-03
                                                   2.531E-03
                                                                   0.000E+00
                     0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                   2.367E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                    0.000E+00
0.000E+00
                                    3.685E-03
       583
                                                   2.554E-03
2.513E-03
3.168E-03
                                                                                                                                0.000E+00
                                    3.485E-03
                                                                   0.000E+00
                                                                                  0 000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
       584
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                  0.000E+00
0.000E+00
       585
                     0.000E+00
                                    3.478E-03
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
       586
                     0.000E+00
                                    3.588E-03
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                     0.000E+00
                                    3.717E-03
                                                   3.459E-03
                                                                   0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
       587
                                                                   0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                    3.764E-03
3.530E-03
                                                   6.646E-03
4.573E-03
                     0.000E+00
       588
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
       589
                                                                                                                                0.000E+00
                                    3.729E-03
                                                   2.833E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
       590
                                                                                  0.000E+00
                                                   2.466E-03
2.651E-03
2.746E-03
                                                                                                 0.000E+00
                                                                                                                 0,000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                    3.743E-03
                                                                  0.000E+00
0.000E+00
       591
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3 610E-03
                     0.000E+00
                                                                                                                                0.000E+00
                                    3.438E-03
                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                 0.000E+00
       593
                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3.279E-03
3.176E-03
2.958E-03
                     0.000E+00
                                                   2.735E-03
                                                                   0.000E+00
       594
                                                   2.629E-03
2.454E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
       596
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                     0.000E+00
                                    2.797E-03
                                                    2.238E-03
       597
                                    2.665E-03
                                                    2.007E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
       598
                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                   1.778E-03
1.561E-03
                                                                                  0.000E+00
0.000E+00
                     0.000E+00
                                                                   0.000E+00
                                                                                                 0.000E+00
       599
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                    2.488E-03
2.278E-03
       600
                                                    1.362E-03
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
       601
                     0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                 0.000E+00
                                    2.217E-03
                                                    1.185E-03
                                                                   0.000E+00
                                                                                  0.000E+00
       602
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
0.000E+00
                                    3.469E-03
3.683E-03
                                                    5.673E-03
5.915E-03
                     0.000E+00
       603
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                     0.000E+00
       604
                     0.000E+00
                                                    6.191E-03
6.511E-03
                                                                   0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                    3.902E-03
                                                                                                 0.000E+00
       605
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    4.129E-03
4.370E-03
                     0.000E+00
       606
                                                                                                                                0.000E+00
0.000E+00
                                                    6.892E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
       607
                                                                                                                 0.000E+00
                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                    4.383E-03
                                                    7.362E-03
                                                                                  0.000E+00
                                                                                                 0.000E+00
       608
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                  0.000E+00
                                    4.547E-03
4.608E-03
                                                    7 962E-03
                     0.000E+00
                                                    3.333E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
       610
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    4.662E-03
                                                                   0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
                     0.000E+00
                                                    3.292E-03
       611
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
                                    4.587E-03
4.226E-03
                                                    3.165E-03
                                                    2.861E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 209
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                    3.911E-03
3.736E-03
3.543E-03
                                                    2.475E-03
                     0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                    2.083E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                     0.000E+00
       615
616
                                                                                  0.000E+00
0.000E+00
                                                    1.847E-03
1.762E-03
                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                     0.000E+00
0.000E+00
                                    3 434E-03
                                    3.134E-03
                                                    1.680E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       618
                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                  0.000E+00
                     0.000E+00
                                    3.044E-03
                                                    1.601E-03
1.526E-03
                                                                   0.000E+00
0.000E+00
       619
                                                                                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                    2.814E-03
2.710E-03
                     0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                    1.456E-03
                                                                   0.000E+00
                                                                                                  0.000E+00
       621
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                    1.391E-03
1.330E-03
                                                                   0.000E100
                     0.000E+00
                                    2.452E-03
       622
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    2.359E-03
2.220E-03
                                                                   0.000E+00
                     0.000E+00
0.000E+00
       623
                                                    1.273E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0 000E+00
                                                                                                                                0 000E+00
       624
                                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3.629E-03
3.759E-03
                                                    9.946E-03
1.031E-02
                     0.000E+00
                                                                   0.000E+00
       625
                                                                                                                                0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                                 0.000E+00
       626
                     0.000E+00
                     0.000E+00
                                     3.690E-03
                                                    1.070E-02
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       627
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                    1.110E-02
1.157E-02
                                     3.659E-03
                     0.000E+00
                                                                   0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                     4.671E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       629
                     0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                     5.207E-03
                                                    1.216E-02
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
       630
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                                    5.787E-03
6.574E-03
                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                    1.305E-02
1.458E-02
                     0.000E+00
       631
                                                                                                                                0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       632
                     0.000E+00
                     0.000E+00
                                     6.246E-03
                                                    2.372E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       633
                                                    2.128E-03
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     5.423E-03
                                                                   0.000E+00
                                                    1.921E-03
1.768E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
                                     5.091E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                     4.704E-03
       636
                                                                                                                                0.000E+00
                                                    1.644E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       637
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                    1.540E-03
1.448E-03
                                                                   0.000E+00
       638
                     0.000E+00
                                     4.018E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3.715E-03
                                                                   0.000E+00
       639
                     0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                                    1.367E-03
                                                                   0.000E+00
                                                                                                                 0.000E+00
       640
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                    1.295E-03
1.230E-03
                     0.000E+00
                                     3.083E-03
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     3.016E-03
       642
                                                                                                                                0.000E+00
                     0.000E+00
                                     2.864E-03
                                                    1.171E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                 0 000E+00
       643
                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
                                    2.683E-03
2.538E-03
                                                    1.118E-03
                                                                   0.000E+00
                                                    1.069E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
                                     2.357E-03
                                                    1.024E-03
                                                                   0.000E+00
                                                                                  0.000E+00
       646
                                                                                                                                0.000E+00
                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                   0.000E+00
                                    2.222E-03
3.701E-03
                     0.000E+00
                                                    9.825E-04
                                                    7.837E-03
7.746E-03
7.606E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
       648
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                     3.966E-03
                                                                   0.000E+00
                                                                                                                 0 000E+00
       649
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                     0.000E+00
                                     4.244E-03
                                                    7.416E-03
7.191E-03
                                     4.544E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
       651
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                     4.896E-03
                                                                   0.000E+00
                                                                                                                 0 000E+00
       652
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     5.353E-03
                                                    6.986E-03
6.852E-03
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
        654
                     0.000E+00
                                     5.997E-03
                                                    6.747E-03
4.032E-03
2.318E-03
1.905E-03
                                                                                                                                0.000E+00
                                     6.997E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0 000E+00
                     0.000E+00
       655
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                     0.000E+00
                                     1.030E-02
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                     7.750E-03
        657
                     0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     6.504E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       658
                                                    1.945E-03
1.874E-03
1.733E-03
                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     5.733E-03
                                                                                   0.000E+00
       659
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                     5.215E-03
4.819E-03
                                                                                                                 0.000E+00
                     0.000E+00
                     0.000E+00
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
        661
                                                                                                                                0.000E+00
                     0.000E+00
                                                    1.554E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0 000E+00
       662
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                     0.000E+00
                                     4.156E-03
                                                    1.365E-03
1.187E-03
                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
        664
                     0.000E+00
                                     3.832E-03
                                                    1.027E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     3.529E-03
                                                                                                       * OUTPUT OF AMI/SBCAFCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 210
    SEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
                                     3.272E-03
                                                    9.250E-04
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     3.028E-03
                                                    8.585E-04
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
```

```
2.402E-03
                                                       6.778E-04
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0 000E+00
                                                                                                                                         0 000E+00
                      0.000E+00
        671
                                                                                        0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0,000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
                                       2.274E-03
3.045E-03
                                                       6.614E-04
2.353E-03
        672
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        673
674
                      0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
                                       3.093E-03
                                                       2.650E-03
                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                       2.904E-03
        675
                      0.000E+00
                                       3.116E-03
                                                       3.225E-03
                                                                                                                                         0.000E+00
0.000E+00
                                       3,676E-03
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                      0 000E+00
        676
677
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       4.618E-03
                                                       3.590E-03
                                                                                                        0.000E+00
                                                                                                                         0 000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
                                                       3.574E-03
        678
                                       5.305E-03
                                       5.952E-03
                                                       3.953E-03
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        679
                                                       3.770E-03
6.030E-03
5.571E-03
                                                                       0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
                                       6.901E-03
8.511E-03
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0 000E+00
                                                                                                                                         0.000E+00
        680
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                        0.000E+00
                      0.000E+00
0.000E+00
        681
                                                                                                                        0.000E+00
0.000E+00
                                       1.170E-02
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                                         0.000E+00
        682
                                                                                                                                         0.000E+00
                                       9.891E-03
9.730E-03
7.609E-03
                       0.000E+00
                                                       8.122E-03
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                        0.000E+00
        683
                                                       1.164E-02
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
        684
                                                                                                                                         0.000E+00
0.000E+00
                                                       2.654E-03
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        685
                                       6.445E-03
5.664E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                       1.824E-03
1.600E-03
                                                                                                         0.000E+00
                       0.000E+00
        686
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
        687
                                                                       0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                       5.034E-03
                                                        1.348E-03
                                                                                        0.000E+00
        688
                                                       1.482E-03
1.531E-03
1.510E-03
                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       4.735E-03
4.455E-03
        689
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        690
                       0.000E+00
                                       4.144E-03
3.772E-03
3.521E-03
3.267E-03
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        691
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                       1.441E-03
1.343E-03
                                                                       0.000E+00
0.000E+00
                                                                                                         0.000E+00
                       0.000E+00
        692
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
        693
                                                       1.231E-03
1.117E-03
1.007E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        694
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       3.080E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       2.888E-03
        696
                       0.000E+00
                                       2.714E-03
2.550E-03
2.405E-03
                                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                        9.052E-04
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        697
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
                                                       8.712E-04
8.401E-04
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        699
                                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       2.305E-03
                                                        8.007E-04
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        700
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
0.000E+00
                                       3.564E-03
3.656E-03
                                                                       0.000E+00
0.000E+00
                                                       2.344E-03
2.001E-03
                                                                                        0.000E+00
        701
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
        702
                                                                       0.000E+00
0.000E+00
0.000E+00
                                       4.042E-03
                                                        2.791E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0 000E+00
        703
                                       4.320E-03
3.922E-03
                                                                                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                                        2.761E-03
        704
                                                                                                                                         0.000E+00
0.000E+00
                                                        3.482E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        705
                                                        3.764E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       4.960E-03
        706
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       5.262E-03
                                                        3.646E-03
        707
                       0.000E+00
                                       5.545E-03
                                                        4.111E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
        708
                                       5.292E-03
5.998E-03
                                                        5.465E-03
6.019E-03
7.445E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
        709
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        710
                       0.000E+00
                       0.000E+00
                                       6.010E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        711
                                                                                                                                         0.000E+00
                                                        1.016E-02
2.469E-03
2.169E-03
                                                                                                                         0.000E+00
                       0.000E+00
                                       5.875E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       5.352E-03
        713
                       0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                       5.726E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
        714
                                                                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E100
                       0.000E+00
                                       5.169E-03
                                                        1.836E-03
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                        1.344E-03
1.053E-03
                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                       4.840E-03
4.396E-03
                                                                        0.000E100
                                                                                                         0.000E100
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 211
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                          0.000E+00
                                                       1.019E-03
1.129E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       4.277E-03
3.882E-03
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        719
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                        1.213E-03
1.249E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
        720
                       0.000E+00
                                       3.666E-03
                                                                                                                         0.000E+00
                                       3.511E-03
        721
722
                       0.000E+00
0.000E+00
                                       3.102E-03
                                                        1.245E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        723
                       0.000E+00
                                       2.949E-03
                                                        1.211E-03
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                        0.000E+00
                                                                                                                         0.000E+00
                                       2.835E-03
2.591E-03
                                                        1.157E-03
        724
                       0.000E+00
                       0.000E+00
                                                        1,090E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        725
                                                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                       2.353E-03
                                                        1.017E-03
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
        726
                                                                                                                         0.000E+00
                                       2.338E-03
2.254E-03
                                                        9.427E-04
8.697E-04
                       0.000E+00
0.000E+00
                                                                        0 000E+00
        727
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                        0.000E+00
        728
                                       2.573E-03
2.724E-03
3.709E-03
                                                        2.550E-03
2.754E-03
2.908E-03
                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        729
                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
        730
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        731
                       0.000E+00
                                       3.455E-03
                                                        3.110E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
        732
                                                        2.639E-03
3.700E-03
3.443E-03
                                                                                                                                          0.000E+00
                       0.000E+00
                                       4.061E-03
3.910E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        734
                                       3.651E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        735
                                                       4.987E-03
5.285E-03
6.496E-03
8.102E-03
                                                                                                                                          0.000E+00
                                       3.874E-03
4.220E-03
4.354E-03
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
        736
                       0.000E+00
                                                                                        0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
        737
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        738
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       4.173E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                       8.499E-03
2.845E-03
2.541E-03
1.802E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       4.338E-03
4.214E-03
        740
                       0.000E+00
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        741
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.824E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        743
                       0.000E+00
                                       4.039E-03
                                       4.105E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        744
                                                        1.314E-03
8.752E-04
1.001E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.828E-03
                                                                                                                         0 000E+00
        745
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        746
                                       3.811E-03
3.623E-03
                       0.000E+00
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        747
                                                        9.595E-04
9.751E-04
9.644E-04
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.534E-03
                                                                        0.000E+00
                                                                                                                         0.000E+00
        748
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                       3.118E-03
3.037E-03
                                                                        0.000E+00
        749
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        750
                                                                                                                                          0 000E+00
                       0.000E+00
                                       2.979E-03
                                                        1.022E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       2.741E-03
2.582E-03
                                                                                                         0.000E+00
        752
                       0.000E+00
                                                        1.050E-03
1.054E-03
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        753
                                       2.458E-03
2.400E-03
                                                        1.037E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                        1.007E-03
        755
                       0.000E+00
                                                                        0.000E+00
                                                        9.656E-04
                                                                                                                                          0.000E+00
                                                                        U.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        756
757
                       0.000E+00
                                       2.193E-03
                                                        2.677E-03
                                       2.867E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.031E-03
3.226E-03
                                                        2.909E-03
2.520E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        758
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0 000E+00
                       0.000E+00
        759
                       0.000E+00
                                       3.090E-03
                                                        3.052E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
```

0.000E+00 0.000E+00 0.000E+00

2.847E-03 2.687E-03 2.539E-03

0.000E+00

0.000E+00

0.000E+00

668

669

670

7.867E-04 7.134E-04 6.924E-04 0.000E+00

0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0 000E+00

```
3.140E-03
3.340E-03
                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                                0.000E+00
                                             3.308E-03
                                                                                   0.000E+00
                          0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                            0.000E+00
0.000E+00
                                             3.144E-03
3.062E-03
2.849E-03
                                                                                                                                                                0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                           0.000E+00
                                                                                                                                                                0.000E+00
                                                                 3.602E-03
         763
                           0.000E+00
                                                                 4.207E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
         764
                           0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 5.245E-03
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                           0.000E+00
                                              3.195E-03
                                                                                                      0.000E+00
0.000E+00
         765
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                             3.241E-03
3.045E-03
                                                                 5.666E-03
8.479E-03
                           0.000E+00
         766
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                              3.217E-03
                                                                 7.076E-03
         768
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                         0.000E+00
                                             3.304E-03
                                                                 2 239E-03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                             11/07/95 09:41:42 Page -
                                                                                                                                                                                                            212
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                                0.000E+00
                                                                                                                                           0.000E+00
                                             3.340E-03
3.243E-03
3.245E-03
                                                                3.092E-03
3.084E-03
2.191E-03
                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                           0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                      0.000E+00
                           0.000E+00
                          0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                      0.000E+00
         772
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                 1.480E-03
1.655E-03
                                                                                    0.000E+00
0.000E+00
         773
                                              3.266E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                             3.369E-03
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                              3.420E-03
                                                                 1.192E-03
                                                                                    0.000E+00
                                                                                                                                             0.000E+00
          775
                                                                 6.641E-04
8.568E-04
                                                                                    0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                             3.266E-03
3.155E-03
          776
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                                                 9.461E-04
9.002E-04
9.003E-04
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                              3.021E-03
                                                                                                                          0.000E+00
0.000E+00
          77 R
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          779
                                             2.885E-03
2.741E-03
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                0 000E+00
                           0.000E+00
          780
                                                                                                                                                                0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                              2.666E-03
                                                                 9.026E-04
                           0.000E+00
          781
                                                                                                                                                                 0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                                                 8.382E-04
8.803E-04
                                             2.349E-03
2.378E-03
          782
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                                0.000E+00
          783
                                                                                                                                                                0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                              2.301E-03
                                                                 9.036E-04
                                                                                                       0.000E+00
          784
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                                             2.185E-03
2.795E-03
2.491E-03
                                                                 9.105E-04
2.727E-03
                           0.000E+00
          785
                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          786
                                                                 2.033E-03
2.505E-03
2.745E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0 000E+00
          787
                                                                                                                                                                 0.000E+00
                                              2.905E-03
          788
                                             2.412E-03
2.726E-03
2.637E-03
2.387E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          789
                          0.000E+00
0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                 2.758E-03
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          790
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                                                                 3.041E-03
4.169E-03
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
          792
                                              2.717E-03
2.718E-03
2.600E-03
2.598E-03
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                           0.000E+00
                                                                 4.132E-03
          793
                                                                 5.237E-03
6.223E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
          795
                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 8.456E-03
          796
                                              2.598E-03
2.595E-03
2.761E-03
2.702E-03
2.713E-03
2.764E-03
2.756E-03
2.823E-03
                                                                 5.932E-03
2.156E-03
2.936E-03
2.338E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
          797
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
          798
                                                                                                                                                                 0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
          800
                                                                 1.993E-03
1.948E-03
1.319E-03
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
          801
                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
0.000E+00
          802
                                                                                                       0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
0.000E+00
          803
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                              2.858E-03
                                                                 1.527E-03
                                                                                    0.000E+00
          804
                                                                 1.102E-03
5.320E 04
6.817E-04
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                              2.879E-03
          805
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E100
                                              2.928E-03
2.855E-03
                           0.000E+00
0.000E+00
          806
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
          807
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                              2.466E-03
                                                                 8.334E-04
                                                                                    0.000E+00
          808
                                                                 8.944E-04
                                                                                    0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                                              2.587E-03
2.471E-03
                           0.000E+00
          809
                                                                                                                                             0.000E+00
0.000E+00
                                                                  8.445E-04
                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
          810
                                                                                                                                                                 0.000E+00
                                              2.380E-03
2.277E-03
2.234E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                                  8.286E-04
                                                                                                       0.000E+00
          811
                                                                                                       0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          812
                           0.000E+00
0.000E+00
                                                                 8.525E-04
                                                                 8.122E-04
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                       0.000E+00
                                                                                                                                             0.000E+00
          813
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                              2.054E-03
                                                                 7.399E-04
                                                                                    0.000E+00
                                                                                                       0.000E+00
```

RECEPTOR # 40 HAS MAXIMUM ACUTE HAZARD INDEX OF 1.568E-02

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 213

*** ACUTE HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 40 ***

POLLUTANT	CONC (ug/m3)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
ACROL Cu HCHO HCN Hg Ni Se XYLEN	0.000E+00 0.000E+00 0.000E+00 2.435E+01 0.000E+00 1.568E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00 4.400E+03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 7.378E-03 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.568E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	0.000E+00	7.378E-03	1.568E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 214

*** ACUTE HAZARD INDEX BY SOURCE FOR PEAK RECEPTOR # 40 ***

POLLUTANT ACROL AEL (ug/m3) = 2.500E+00 BACKGR. (ug/m3) = 0.000E+00

2 = 4		CA	CNS	IMMUN	KIDN	LIVER	REPRO 0.000E+00	RESP 0.000E+00	EYE 0.000E+00	
CE # Source #	1 2 3	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	4 5	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	6 7	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	8 9 10	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	11 12	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	13 14	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	15 16 17	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	18 19	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	20 21	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	22 23 24	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	25 26	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00 0.000E+00	
SOURCE #	27 28 29	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	30 31	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	32 33	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	34 35 36	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	37 38	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	39	0.000E+00	0.000E+00 N PROJECT -	0.000E+00	0.000E+00	0.000E+00 PM10	0.000E+00 * OUTPUT O	0.000E+00 F AMI/SBCAPCI	0.000E+00 ACE2588 MODE	CL VERS. 93288 *
Input Fil	le: g:\ace\G	Q91\GQPACE.I	DAT	Output Fil	.e: g:\ace\G	Q91\GQPACE.O	UT	11/07	7/95 09:41:4	
CE # CE #	40 41 42	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000 E +00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E:00 0.000E+00 0.000E+00	0.000E100 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE #	43 44	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	45 46	0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	47 48 49	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	50 51	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	53	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	55	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	57 58	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	59 60 61	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	62	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	64 65	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	67	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
	SUM =	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
	POLLUTANT C	u AEI	L (ug/m3) =	1.000E+01	BACKGR.	(ug/m3) =	0.000E+00			
		cv	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE	
SOURCE #	1 2	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	3 4	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	5	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
CE # CE # SOURCE #	7 8 9	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	U.UUUE+UU O.OOOE+OO	0.000E+00 0.000E+00	
SOURCE # SOURCE #	10 11	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	12	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	

SOURCE #	13 14	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0,000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
EN QUE	EN MINING	- SOLEDAD MT Q91\GQPACE.D	N PROJECT -	ALL RECEPTORS	5, 1991 MET, e: g:\ace\GQ	PM10 91\GQPACE.OU	* OUTPUT OF	AMI/SBCAPCD 11/07	ACE2588 MODEL VERS. 93288 * /95 09:41:42 Page - 216
SOURCE ## SOURCE	: 8:\ace\G 15 16 178 19 201 222 245 67 289 331 335 337 338 340 442 445 551 555 555 555 661 663 665 665 665 665 665 665 665 665 665	Q91\GQPACE.D 0.000E+00	0.000E+00	Output File 0.000E+00	0: (8:Ce)(0) 0: (000E+00) 0: (0	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
Input File SOURCE #	: g:\ace\G	Q91\GQPACE. 0.000E+00	0.000E+00	0.000E+00	e: g:\ace\G 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	68 SUM =	0.000E+00 0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00
P	OLLUTANT H	ICHO AEI	_ (ug/m3) =	3.700E+02	BACKGR.	(ug/m3) =	0.000E+00		
-		CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
SOURCE #	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
SOURCE #
                             0.000E+00
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                    0 000E+00
SOURCE #
               27
28
                              0.000E+00
                                              0 000E+00
                                                                                                                                                    0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
FC #
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                               0.000E+00
SUURCE #
               30
                              0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                    0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
SOURCE #
               33
                                                                                                                                                     0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
               34
                                               0.000E+00
                                                               0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                               0.000E+00
                                                               0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                               0.000E+00
SOURCE #
               36
37
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                               0 000E+00
                                                               0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
               39
                                                                                                                                   0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
               40
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                                                                                                 0.000E+00
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                            11/07/95
                                                                                                                                                           09:41:42
                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0-000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
SOURCE #
                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                                  0.000E+00
               44
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                  0.000E+00
SOURCE #
                45
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
SOURCE #
               46
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
SOURCE #
                                                                                                                                                     0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                49
                                               0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
SOURCE #
                50
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
SOURCE #
                                               0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                               0.000E+00
SOURCE #
                52
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                53
                                               0.000E+00
SOURCE #
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
SOURCE #
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                55
56
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                57
                              0.000E+00
SOURCE
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                58
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
SOURCE #
                60
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
                61
62
                              0.000E+00
0.000E+00
                                                                                                                                    0,000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                63
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
SOURCE
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                64
65
SOURCE
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
SOURCE #
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
SOURCE
                              0.000E+00
          ###
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE
                              0 000E+00
                67
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                68
                              0.000E+00
                                               0.000E:00
                                                                0.000E100
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                                     0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                  SIIM = 0.000E+00
                                               0.000E+00
                                                                                                                   0.000E+00
                                        AEL (ug/m3) =
                                                                 3.300E+03
                                                                                     BACKGR. (ug/m3) =
             POLILUTANT HCN
                                                                                                                                          RESP
                                                                                                                                                             EYE
                                                                                                       LIVER
                                                                                                                        REPRO
                                                                     IMMUN
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                              0.000E+00
0.000E+00
                 1
2
3
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
 SOURCE #
                 4
5
                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                 6
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
 SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
 SOURCE #
                 8
                              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
                 9
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                10
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
                11
                              0.000E+00
                                               0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
                12
                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                13
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
                14
15
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0 000E+00
                                                                                                                   0.000E+00
 SOURCE #
                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                            11/07/95
                                                                                                                                                           09:41:42
                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
SOURCE #
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                18
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                19
                              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                20
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                21
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
SOURCE #
SOURCE #
                2.3
                                                                                                                                    0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                24
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
                26
27
                                               0.000E+00
                              0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                28
                              0.000E+00
SOURCE #
SOURCE #
CE #
SOURCE #
SOURCE #
SOURCE #
                                                                                 0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                29
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                  0.000E+00
                30
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                                 0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                      0.000E+00
                32
                              0.000E100
0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                33
                34
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                               0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
                              0.000E+00
                                               0.000E+00
```

0.000E+00

0:000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

36

SOURCE #

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                   37
38
SOURCE #
                                                                   0.000E+00
                                                                                                           0.000E+00
                                    39
                                                                   0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                    40
                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                 0.000E+00
                                    41
                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                           0 000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                         0.00E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                    43
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                    46
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                     48
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                 0.000E+00
                                    49
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                    51
52
                                                                                                           0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
                                    54
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                     56
                                                                                                           0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0 000E+00
0 000E+00
0 000E+00
                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
 SOURCE #
SOURCE #
                                                                   0.000E+00
0.000E+00
                                     57
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                     58
                                                                                                           0.000E+00
0.000E+00
                                                                   0.000E+00
                                     59
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                 0.000E+00
0.000E+00
  SOURCE #
                                     60
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
2.816E-03
2.455E-03
2.107E-03
                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
 SOURCE #
                                     61
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                     62
                                                                   0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                 0.000E+00
                                     63
                                                                   0.000E+00
                                     64
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
6.303E-11
0.000E+00
                                     65
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                   66
67
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
  SOURCE #
                                                                   0 000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                      * OUTPUT OF AMI/SBCAFCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 220
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
                                          \mathtt{SUM} = 0.000E + 00 \quad 7.378E - 03 \quad 0.000E + 00 \quad 0.000E + 0
                                                                                            AEL (ug/m3) = 3.000E+01
                                                                                                                                                                                                  BACKGR, (ug/m3) = 0.000E+00
                              POLLUTANT Hg

        KIDN
        LIVER

        0.000E+00
        0.000E+00

                                                                                                                                                                                                                                                                                                                             RESP
                                                                                                                                                                                                                                                                                  REPRO
                                                                                                                                                            IMMUN
                                                                                                                                                                                                        KIDN
                                                                                                                             CNS
                                 1 0.000E+00 0.000E+00 0.000E+00
2 0.000E+00 0.000E+00 0.000E+00
3 0.000E+00 0.000E+00 0.000E+00
4 0.000E+00 0.000E+00 0.000E+00
5 0.000E+00 0.000E+00 0.000E+00
 SOURCE #
SOURCE #
CE #
CE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                       5 6 7
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                        8
                                                                  0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                      10
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                      11
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
  SOURCE #
                                     12
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                      13
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
  SOURCE #
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
  SOURCE #
                                     15
16
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                           0.000E+00
  SOURCE #
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
  SOURCE #
                                     18
19
  SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                     21
22
                                                                                                           0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
  SOURCE #
                                     24
25
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
  SOURCE #
SOURCE #
                                     26
27
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                      28
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                      29
                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                      30
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                      31
                                                                                                                                                                                                                                                                        0.000E+00
                                      32
                                                                  0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                      33
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                     34
35
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                   0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                      37
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                      38
                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                           0.000E+00
  GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 221
                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                0.000E+00
                                                                      0.000E+00
  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0 000E+00
                                                                                                           0-000E+00
```

SOURCE #

0.000E+00

SOURCE #	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68			0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00						
				0.000E+00 1.000E+00			0.000E+00	0.0002+00	0.000E+00	
			CNS		KIDN			RESP	EYE	
SOURCE # SOU	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.727E-10 4.023E-07 3.272E-07 2.848E-07 9.691E-08 8.524E-08 0.000E+00 3.903E-09 1.869E-07 7.572E-12 1.990E-05 6.054E-03 4.324E-03 3.573E-03 1.384E-05 5.841E-05	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
EN QU	UEEN MINING Le: g:\ace\0	- SOLEDAD MI Q91\GQPACE.I	N PROJECT - OAT	ALL RECEPTOR Output Fil	RS, 1991 MET Le: g:\ace\G	, PM10 Q91\GQPACE.O	* OUTPUT OF	F AMI/SBCAPCI 11/0	ACE2588 MO 7/95 09:41	DEL VERS. 93288 * :42 Page - 222
SOURCE ###### SOURCE SO	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 53 37 38 39 40 41 44 44 45 46 47 48 49 55 55 55 55 55 55 55 55 55 55 55 55 55	0.000E+00	0.000E+00	1.612E-03 0.000E+00 8.688E-10 9.476E-07 7.764E-07 6.788E-07 2.313E-07 0.000E+00 9.297E-09 4.468E-07 1.810E-11 0.000E+00 3.581E-09 3.865E-06 3.143E-07 8.189E-07 0.000E+00 3.748E-08 1.796E-06 7.275E-11 3.695E-08 3.389E-12 2.581E-11 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00	

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                                                 0.000E+00
                               0.000E+00
                65
                                                                                                        0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
               66
67
68
                                                 0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                        0.000E+00
                                                                                     0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
    EN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                        PM10
                                                                     Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                      11/07/95 09:41:42
                                                                                                                                                                                      Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                   SUM = 0.000E+00 0.000E+00 1.568E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                          BACKGR. (ug/m3) =
                                        AEL (ug/m3) = 2.000E+00
                                                                                                                           0.000E+00
             POLLUTANT Se
                                                                       IMMUN
                                                                                                                                 REPRO
                                                                                                                                                    RESP
                                                                                                                                                                         EYE
                                                         CNS
                                                                                           KIDN
                                                                                                             LIVER
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                               0.000E+00
                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
SOURCE #
SOURCE #
                               0.000E+00
                                                0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                 0.000E+00
0.000E+00
                                0.000E+00
                                0.000E+00
                                                                                                        0.000E+00
                  3
                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                  6
7
                                                                                                                                                                0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                  8
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                    0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                 10
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                  0.000E+00
                                                                    0.000E+00
                 12
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                14
15
                               0.000E+00
0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
0.000E+00
                 16
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
                 17
                                                                                                                                              0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                  0.000E+00
                 18
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                               0.000E+00
0.000E+00
                 20
                                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                 21
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                                                  0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                 23
                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0,000E+00
                 24
25
                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                               0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
SOURCE #
                 26
27
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
CE #
SOURCE #
                                                  0.000E+00
                                                                                                                                                                0.000E+00
                 28
                                0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                 29
                                                                                      0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                 30
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
                                                                     0.000E+00
                                0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                0.000E+00
0.000E+00
                 32
33
                                                                                                                           0.000E:00
0.000E+00
                                                                                                        0.000E100
0.000E+00
                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
 SOURCE #
                 34
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                     0.000E+00
                                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                                              0.000E+00
SOURCE #
                 35
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                0.000E+00
                                                  0.000E+00
                 36
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                                                  0.000E+00
                 37
                                0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                     0.000E+00
                                                                                      0.000E+00
                                                                                                                                              0.000E+00
                 38
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                 39
                                0.000E+00
                                                  0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                 40
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                        0.000E+00
                                                                                                                            0.000E+00
                 41
42
                                                                                                                            0 000E+00
                                                                                                                                              0.000E+00
                                                  0.000E+00
                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                         0.000E+00
                                0.000E+00
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 224
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                    0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                0.000E+00
 SOURCE #
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
0.000E+00
SOURCE #
                 44
45
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
                 46
                                0.000E+00
0.000E+00
 SOURCE #
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                0.000E+00
                                                  0.000E+00
                 48
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                 49
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
                 50
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                 51
                                0.000E+00
                                                  0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                               0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                 52
                                                                                                                                                                0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                         0.000E+00
                 53
                                                                                                                                                                 0.000E+00
                 54
55
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                                     0.000E+00
                                                                                      0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
                               0.000E+00
                 56
57
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                 0.000E+00
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                 59
                                                                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                     0.000E+00
                 60
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                 61
62
63
                                                  0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                          0.000E+00
 SOURCE #
                 64
65
66
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                               0.000E+00
 SOURCE #
SOURCE #
                                                   0.000E+00
                                 0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
                                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                 0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
                                                                                                                            0.000E+00
 SOURCE #
                 68
                                0.000E+00
                                                  0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                                            0 000E+00
                                                                                                                                              0.000E+00
                                                                    0 000E+00 0.000E+00
                                                                                                         0.000E+00
                    SUM = 0.000E+00
                                                  0.000E+00
                                                                                            BACKGR. (ug/m3) =
                                                                                                                            0.000E+00
              POLLUTANT XYLEN
                                            AEL (ug/m3) =
                                                                       4.400E+03
                                                                                                               LIVER
                                                                                                                               REPRO RESP
                                                                                                                                                                          EYE
```

KIDN

CNS

IMMUN

CV

```
0.000E+00
SOURCE #
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                 23
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
SOURCE #
                              0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                              0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                       0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
    RCE #
                                                                                  U.000E+00
                                                                                                   0.000E+00
                                                                                                                                                       0.000E+00
JRCE #
                                                                                                                                      0.000E+00
                 6
                              0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
                 8
                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                              0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                              0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                10
                                                                                                   0.000E+00
                                               0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
                11
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                12
                                                                0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
               14
15
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                 0 000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 225
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                               0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
SOURCE #
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                20
                                                                                                                                      0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                21
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                                                                      0.000E+00
                                                                0.000E+00
                                               0.000E+00
0.000E+00
                22
                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                23
                                                                 0.000E+00
                                                                                                                     0.000E+00
                              0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                24
                                               0.000E+00
                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                2.5
                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                26
                              0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                27
                              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                28
                              0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                29
SOURCE #
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                31
32
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                33
                              0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                34
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                35
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
 SOURCE #
                36
                              0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                  0.000E+00
                              0.000E+00
 SOURCE #
                37
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
SOURCE #
                38
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
SOURCE #
                              0.000E+00
0.000E+00
                39
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                40
                                                                                                   0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                41
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
 SOURCE #
                42
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                43
   IRCE #
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E100
                                                                                                                                                        0.000E100
                              0.0000100
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
 RCE #
                45
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E100
                                                                                                    0.000E100
                                                                                                                     0.000E100
                                                                                                                                                        0.000E+00
0.000E+00
                46
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
SOURCE #
                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
SOURCE #
                48
                              0.000E+00
SOURCE #
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                49
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                50
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
SOURCE #
                51
                              0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                52
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
SOURCE #
                53
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                54
                              0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                  0 000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                        0.000E+00
                                                                                                                     0.000E+00
                57
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                58
                59
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0 000E+00
                60
                              0.000E+00
                              0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                  0.000E+00
                61
                                                                                                                                      0.000E+00
0.000E+00
                62
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
                                                                 0.000E+00
0.000E+00
                63
                              0.000E+00
                                                                                  0.000E+00
                              0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                64
                65
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                66
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                67
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                               11/07/95 09:41:42
                                                                                                                                                                               Page -
                  SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                               11/07/95 09:41:42 Page - 227
                           *** MAXIMUM CHRONIC EXPOSURE BY POLLUTANT FROM ALL SOURCES ***
```

POL.	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOT MILK	NON-INH	ACCEPTABL	INH CONC	BACKGR	AEL	HAZARD	REC.
V.								DOSE SUM	ORAL DOSE	(ug/m3)	(ug/m3)	(ug/m3)	INDEX	
1									and the second second					•
CETA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	U.00E+00	0.005+00	9.005700	0.00E+00	U
ACROL	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0
As	1.24E-07	0.00E+00	1.00E-03	4.33E-04	0.00E+00	5.00E-01	8.66E-04	134						
BENZE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E+01	0.00E+00	0
Вe	1.65E-08	0.00E+00	5.00E-03	5.78E-05	0.00E+00	4.80E-03	1.20E-02	134						

```
Cd 4.70E-09 0.00E+00 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4.70E-06
1.41E-03
0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ō
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.86E-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6.10E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5.47E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ō
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
```

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 228 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT Input File: g:\ace\GQ91\GQPACE.DAT

*** RECEPTOR CHRONIC HAZARD INDICES BY TOXICOLOGICAL ENDPOINTS *** FROM ALL SOURCES AND POLLUTANTS

RECEPTOR	CV CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN	
1 3.4781 2 3.6151 3 3.5951 4 5.7741 5 5.7451 6 5.1911 7 4.0451 8 4.1991 9 4.3791 10 7.0321 11 2.0671 12 8.5911 13 6.0811 14 6.1731 15 6.1731 15 6.1731 16 6.9931 17 2.4211 18 4.161 19 4.3622 20 5.720 21 3.144 23 2.996 24 2.834 25 2.645 26 3.036 27 2.846 28 2.570 29 2.804 30 3.042 31 3.287 32 3.580 33 3.315 34 6.673 37 6.923 38 6.673 39 6.923	1.191E-03 1.426E-03 1.402E-03 1.402E-03 1.855E-03 1.855E-03 1.855E-03 1.855E-03 1.855E-03 1.855E-03 1.245E-03 1.245E-03 1.245E-03 1.245E-03 1.249E-03 1.259E-03	4.040E-06 3.942E-06 6.491E-06 6.491E-06 6.446E-06 5.829E-06 4.733E-06 4.733E-06 7.512E-06 7.512E-06 7.564E-06 8.672E-06 8.672E-06 8.672E-06 8.672E-06 3.729E-06 3.92E-06 3.92E-06 3.92E-06 3.518E-06 3.739E-06 3.518E-06 3.739E-06 4.656E-06 5.720E-06 8.2378E-06	5.546E-05 5.597E-05 9.069E-05 9.016E-05 8.150E-05 6.339E-05 6.606E-05 1.124E-04 3.234E-04 9.901E-05 1.007E-04 1.151E-04 3.370E-05 6.980E-05 9.108E-05 4.931E-05 5.164E-05 4.367E-05 4.710E-05 4.710E-05 4.710E-05 4.710E-05 5.164E-05 4.710E-05 5.164E-05 4.710E-05 5.164E-05 5.164E-05 5.164E-05 6.980E-05 7.688E-05 5.164E-05 7.688E-05 5.164E-05 7.688E-05 5.164E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05	5.125E-05 5.187E-05 5.188E-05 8.392E-05 8.3942E-05 6.379E-05 6.126E-05 6.379E-05 1.038E-04 2.994E-05 1.244E-05 9.286E-05 1.244E-05 9.286E-05 1.0622E-05 6.458E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 5.760E-05 4.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05	2.066E-06 1.957E-06 3.270E-06 3.270E-06 3.274E-06 2.935E-06 2.387E-06 2.387E-06 4.198E-06 4.198E-06 4.198E-06 4.559E-06 3.837E-06 4.559E-06 2.342E-06 2.342E-06 2.342E-06 1.370E-06 1.370E-06 1.370E-06 1.720E-06 1.720E-06 1.720E-06 1.770E-06 2.148E-06 1.770E-06 2.148E-06 2.148E-06 4.170E-06 4.170E-06 4.170E-06 4.123E-06 4.170E-06 4.123E-06 5.074E-06 5.074E-06	3.763E-04 2.511E-04 2.487E-04 5.072E-04 4.973E-04 4.525E-04 3.754E-04 3.754E-04 1.696E-04 7.758E-04 8.232E-04 8.538E-04 8.538E-04 8.538E-04 8.538E-04 4.52E-04 4.784E-04 4.52E-04 4.52E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.545E-04 4.556E-04 4.566E-04 4.5	3.272E-05 3.419E-05 3.419E-05 5.447E-05 5.421E-05 4.897E-05 3.961E-05 6.613E-05 1.952E-05 8.110E-05 5.779E-05 6.537E-05 5.779E-05 6.283E-05 3.782E-05 4.102E-05 5.378E-05 5.378E-05 2.283E-05 3.782E-05 2.285E-05 2.473E-05 2.865E-05 2.400E-05 3.075E-05 3.349E-05 6.26E-05 6.26E-05 6.26E-05 6.26E-05 6.26E-05	
41 8.005 42 6.881 GOLDEN QUEEN MINING -	E-05 3.625E-03 E-05 3.816E-03 SOLEDAD MTN PROJE	9,730E-06 8,316E-06	1.304E-04 1.117E-04 EPTORS. 1991	1.203E-04 1.030E-04 MET, PM10 ce\GQ91\GQPAC	4.326E-06 * OUTPL	1.101E-03 9.201E-04 JT OF AMI/SBO	7.498E-05 6.448E-05 CAPCD ACE2588 11/07/95 09:	MODEL VERS. 93288 * 41:42
Input File: g:\ace\GQ9	1\GQPACE.DAT	Outpu	t File: g:\ac 1.094E-04	1.009E-04	4.249E-06	9.132E-04	6.306E-05	41,42 lage 22)
43 6.731 44 5.049 45 4.315 46 6.779 47 8.442 48 9.028 49 8.870 50 8.782 51 8.700 52 8.337 53 7.782 54 6.512 55 5.641 56 5.006 57 4.491 58 4.093 59 4.093 59 4.093 61 4.299 62 4.736 63 5.268 64 5.973 65 6.967 7.829	E-05 1,938E-03 E-05 3,186E-03 E-05 6,312E-03 E-05 1,782E-02 E-05 1,256E-02 E-05 1,443E-02 E-05 1,424E-03 E-05 6,620E-03 E-05 5,094E-03 E-05 4,042E-03 E-05 3,645E-03 E-05 3,645E-03 E-05 3,645E-03 E-05 5,373E-03 E-05 5,373E-03 E-05 5,373E-03 E-05 5,373E-03 E-05 7,883E-03	6.073E-06 5.167E-06 8.177E-06 1.028E-05 1.140E-05 1.053E-05 1.053E-05 9.620E-06 6.510E-06 6.510E-06 5.808E-06 4.777E-06 4.667E-06 4.985E-06 4.985E-06 5.028E-06 6.793E-06 6.793E-06 7.856E-06 8.911E-06	8.187E-05 6.983E-05 1.099E-04 1.375E-04 1.459E-04 1.424E-04 1.397E-04 1.326E-04 1.328E-04 1.032E-04 8.977E-05 7.994E-05 7.188E-05 6.553E-05 6.920E-05 6.864E-05 7.532E-05 6.864E-05 9.428E-05 1.095E-04 1.236E-04	7.553E-05 6.444E-05 1.014E-04 1.268E-04 1.378E-04 1.314E-04 1.290E-04 1.225E-04 1.136E-04 9.544E-05 8.297E-05 7.388E-05 6.054E-05 6.054E-05 6.054E-05 6.343E-05 6.343E-05 6.343E-05 6.719E-05 1.013E-04 1.143E-04	3.153E-06 2.678E-06 4.250E-06 5.366E-06 6.036E-06 5.769E-06 5.253E-06 4.905E-06 4.905E-06 3.319E-06 2.968E-06 2.968E-06 2.489E-06 2.570E-06 2.570E-06 2.570E-06 3.076E-06 3.076E-06 3.076E-06 3.076E-06 3.076E-06	6.597E-04 5.514E-04 8.977E-04 1.172E-03 1.472E-03 1.328E-03 1.004E-03 8.667E-04 6.510E-04 6.510E-04 5.376E-04 4.955E-04 4.955E-04 4.665E-04 4.665E-04 4.663E-04 4.603E-04 5.307E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04	4.734E-05 4.047E-05 6.354E-05 7.906E-05 8.424E-05 8.293E-05 8.236E-05 7.834E-05 7.834E-05 6.132E-05 4.709E-05 4.709E-05 4.709E-05 4.075E-05 4.075E-05 4.044E-05 5.629E-05 5.629E-05 7.377E-05	

```
1.371E-04
1.717E-04
2.378E-04
                                                                                1.482E-04
1.857E-04
2.571E-04
                                                                                                                    5-398E-06
                                                                                                                                      8.843E-04
                                           1.178E-02
1.751E-02
                                                             1.066E-05
1.335E-05
                                                                                                                                      1.102E-03
1.586E-03
                                                                                                                                                         1.108E-04
1.504E-04
                                                                                                                     6.753E-06
          68
                         1.176E-04
                         1.597E-04
                                                                                                                    9 290E-06
                                            2.873E-02
                                                              1.829E-05
          69
                                                                                                  3.226E-04
                                                                                                                     1.286E-05
                                                                                                                                       2.371E-03
                                                                                                                                                         2.028E-04
                                           2.264E-02
1.534E-02
                                                              2.511E-05
2.034E-05
                                                                                3 491E-04
          70
                         2.157E-04
                                                                                                                                       1.691E-03
                                                                                                                                                         1.688E-04
1.140E-04
                                                                                2.860E-04
                                                                                                                     1.030E-05
          71
72
                         1.791E-04
                                                                                                                                       1.059E-03
7.080E-04
                                           1.074E-02
7.245E-03
5.210E-03
                         1.208E-04
                                                              1.358E-05
                                                                                1.916E-04
                                                                                                  1.773E-04
1.457E-04
                                                                                                                    6.839E-06
5.495E-06
                                                                                                                                                         9.592E-05
                         1.014E-04
                                                             1.106E-05
9.246E-06
                                                                                1.572E-04
1.312E-04
                                                                                                                                                         7.977E-05
                                                                                                  1.215E-04
                                                                                                                     4.601E-06
                                                                                                                                       6.109E-04
                         8.437E-05
                                                                                                                                       9.849E-04
7.785E-04
                                                                                                                                                         9.949E-05
                                                             1.197E-05
1.175E-05
1.512E-05
                                                                                                  1.560E-04
1.548E-04
                                                                                                                    6.053E-06
5.850E-06
          75
                                            5.620E-03
                                                                                1.686E-04
                         1.055E-04
                                                                                                                                                         1.014E-04
                                           6.104E-03
6.252E-03
6.033E-03
                                                                                1.671E-04
2.164E-04
          76
                         1.072E-04
                                                                                                                    7.489E-06
7.419E-06
                                                                                                                                      9.280E-04
1.030E-03
                                                                                                                                                         1.319E-04
1.273E-04
                                                                                                  2.005E-04
                         1.394E-04
                                                                                                  1.960E-04
                         1.347E-04
                                                              1.486E-05
                                                                                2.116E-04
          78
                                                             1.172E-05
9.110E-06
7.180E-06
5.660E-06
7.020E-06
                                                                                                                                                         9.889E-05
                                                                                                  1.536E-04
                                                                                                                                       8.890E-04
                                                                                                                     5.889E-06
                                           5.135E-03
4.235E-03
                                                                                1.660E-04
                         1.048E-04
                                                                                                                                       7.042E-04
5.734E-04
                                                                                                                                                         7.661E-05
6.003E-05
                         8.120E-05
                                                                                1.286E-04
                                                                                                  1.191E-04
                                                                                                                     4.585E-06
          80
                                           3.479E-03
2.869E-03
3.107E-03
                         6.365E-05
5.043E-05
                                                                                1.010E-04
7.950E-05
                                                                                                  9.345E-05
7.357E-05
                                                                                                                     3.623E-06
          81
                                                                                                                     2.849E-06
                                                                                                                                       4.382E-04
                                                                                                                                                         4.758E-05
                                                                                                                                                         5.751E-05
                         6.109E-05
6.586E-05
                                                                                                                                       6.205E-04
                                                                                9.801E-05
                                                                                                  9.062E-05
                                                                                                                     3.572E-06
          83
                                                             7.590E-06
6.760E-06
7.840E-06
7.881E-06
                                                                                                                                       6.809E-04
                                                                                                                                                         6.200E-05
                                                                                                                     3.867E-06
                                                                                                  9.812E-05
8.791E-05
                                           3.260E-03
                                                                                1.061E-04
          84
                                                                                9.499E-05
                                                                                                                     3.396E-06
                                                                                                                                       5.093E-04
                                                                                                                                                         5.709E-05
                                           3.254E-03
3.213E-03
                         6.049E-05
                                                                                                                     3.975E-06
                                                                                                                                                         6.481E-05
                         6.879E-05
                                                                                1.094E-04
                                                                                                  1.012E-04
                                                                                                                                       6.630E-04
          86
                                                                                                                                                         6.485E-05
7.598E-05
                                                                                                                                       6.817E-04
                                                                                                  1.015E-04
1.215E-04
                                                                                                                     4.003E-06
                         6.886E-05
                                           3.071E-03
                                                                                1.097E-04
          87
                                                                                                                     4.924E-06
                                           2.865E-03
2.599E-03
                                                              9.558E-06
7.152E-06
                                                                                1.315E-04
                                                                                                                                       9.634E-04
                         8.091E-05
                                                                                                                                       5.940E-04
6.765E-04
                                                                                                                                                         5.933E-05
                                                                                9.963E-05
                                                                                                  9.215E-05
                                                                                                                     3.621E-06
                         6.295E-05
          89
                                                                                                                     4.094E-06
                                                                                                                                                          6.692E-05
                                                              8.081E-06
1.046E-05
1.031E-05
                                            2.549E-03
                                                                                                  1.040E-04
          90
                          7.102E-05
                                                                                1.125E-04
                                                                                1.444E-04
1.434E-04
1.477E-04
1.532E-04
                                                                                                                     5.354E-06
                                                                                                                                       9.804E-04
                                                                                                                                                          8.463E-05
                                                                                                  1.334E-04
                                           2.521E-03
2.452E-03
                         8.998E-05
                                                                                                  1.327E-04
                                                                                                                     5.226E-06
5.303E-06
                                                                                                                                       8.647E-04
                                                                                                                                                         8.540E-05
                         9.063E-05
          92
                                                                                                                                       8.043E-04
                                                                                                                                                         8.889E-05
                                           2.505E-03
2.571E-03
                                                                                                  1.367E-04
          93
                          9.419E-05
                                                              1.055E-05
                                                              1.088E-05
                                                                                                  1.419E-04
                                                                                                                     5.439E-06
                                                                                                                                       7.713E-04
                                                                                                                                                         9.279E-05
                         9.823E-05
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 230
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10 *Input File: g:\ace\GQ91\GQPACE.OUT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                             1.098E-05
1.124E-05
1.335E-05
1.688E-05
2.147E-05
2.203E-05
                                           2.721E-03
2.893E-03
3.152E-03
                                                                                                                                       7.168E-04
                                                                                                  1.442E-04
                                                                                                                     5.459E-06
                                                                                1.556E-04
                                                                                1.602E-04
1.899E-04
2.388E-04
                                                                                                  1.485E-04
1.759E-04
2.212E-04
                                                                                                                    5.567E-06
6.622E-06
8.420E-06
                                                                                                                                       6.851E-04
8.385E-04
1.153E-03
                                                                                                                                                         9.813E-05
1.160E-04
          96
97
                         1.037E-04
                          1.226E-04
                                                                                                                                                          1.449E-04
                                           3.500E-03
          98
                          1.533E-04
                                           3.931E-03
3.794E-03
                                                                                                  2.797E-04
2.843E-04
2.247E-04
                          1.926E-04
                                                                                3.022E-04
                                                                                                                     1.077E-05
                                                                                                                                       1.595E-03
                                                                                                                                                         1.818E-04
          99
                                                                                                                                       1.849E-03
                                                                                                                    1.116E-05
8.677E-06
                                                                                                                                                          1.824E-04
         100
                          1.936E-04
                                                                                3.074E-04
                                                                                                                                       1.298E-03
                                                                                                                                                          1.460E-04
                                                              1.727E-05
1.333E-05
                                                                                2.428E-04
                         1.547E-04
1.217E-04
                                           3.396E-03
3.073E-03
         101
                                                                                1.889E-04
                                                                                                   1.750E-04
                                                                                                                     6.635E-06
                                                                                                                                       8.787E-04
                                                                                                                                                         1.151E-04
         102
                                                                                                                                       9.880E-04
9.650E-04
8.793E-04
9.875E-04
1.098E-03
                                                                                                  1.741E-04
1.615E-04
                                                                                                                     6.714E-06
6.279E-06
                                                                                                                                                          1.134E-04
                          1.202E-04
                                            2,920E-03
                                                              1.339E-05
                                                                                1.880E-04
         103
                                                                                                                                                          1.049E-04
                                           2.831E-03
2.684E-03
                                                              1.247E-05
1.162E-05
                                                                                1.746E-04
                          1.111E-04
          104
                                                                                 1.629E-04
                                                                                                   1.508E-04
                                                                                                                     5.841E-06
                                                                                                                                                          9.810E-05
                          1.039E-04
         105
                          1.020E-04
                                            2.609E-03
                                                              1.163E-05
                                                                                1.616E-04
                                                                                                  1.495E-04
                                                                                                                     5 899E-06
                                                                                                                                                          9.607E-05
         106
                                                                                                                     5.958E-06
1.223E-05
                                                                                                                                                         9.399E-05
1.777E-04
1.392E-04
                                           2.659E-03
3.058E-03
2.978E-03
                                                              1.164E-05
2.335E-05
                                                                                1.605E-04
3.126E-04
                                                                                                   1.483E-04
                          9.995E-05
         107
                                                                                                                                       2.752E-03
1.876E-03
                                                                                                   2.882E-04
                         1.900E-04
         108
                                                                                2.415E-04
1.933E-04
                                                              1.773E-05
1.388E-05
                                                                                                  2.229E-04
1.788E-04
                          1.483E-04
                                                                                                                     9.177E-06
         109
                                           2.976E-03
2.992E-03
3.321E-03
3.739E-03
4.308E-03
                                                                                                                     7.023E-06
8.307E-06
                                                                                                                                       1.149E-03
                                                                                                                                                          1.152E-04
         110
                          1.222E-04
                                                                                2.254E-04
2.903E-04
3.481E-04
                                                                                                                                       1.487E-03
2.178E-03
2.954E-03
                                                                                                   2.083E-04
                                                                                                                                                          1.324E-04
                                                              1.627E-05
                         1.407E-04
1.788E-04
         111
                                                                                                  2.681E-04
3.210E-04
                                                                                                                                                          1.679E-04
                                                                                                                     1.095E-05
                                                              2.122E-05
         112
                                                                                                                     1.349E-05
                                                                                                                                                          1.986E-04
                         2.121E-04
3.822E-04
                                                              2.585E-05
4.783E-05
                                                                                                                                       6.003E-03
3.868E-03
2.245E-03
                                                                                                                     2.524E-05
1.731E-05
1.098E-05
                                                                                                                                                         3.570E-04
2.525E-04
                                                                                 6.323E-04
                                                                                                   5.824E-04
         114
                                                                                                  4.087E-04
2.668E-04
                          2.698E-04
                                            4.621E-03
                                                              3.308E-05
                                                                                4.432E-04
2.890E-04
         115
                                                              2.120E-05
2.795E-05
5.025E-05
                                                                                                                                                         1.664E-04
                          1.773E-04
                                            4.457E-03
4.885E-03
                                                                                                                                                         2.159E-04
3.782E-04
                                                                                                                     1.456E-05
2.644E-05
                          2.304E-04
                                                                                 3.767E-04
                                                                                                   3.475E-04
                                                                                                                                       3.137E-03
         117
                                                                                                                                       6.145E-03
                                                                                                   6.149E-04
                                                                                6.673E-04
2.831E-04
                          4.047E-04
                                            5.263E-03
          118
                                                                                                   2.618E-04
                                                                                                                     1.034E-05
                                                                                                                                       1.797E-03
                                                                                                                                                         1.665E-04
                                                              2.032E-05
1.925E-05
2.292E-05
                         1.768E-04
1.727E-04
          119
                                            5.738E-03
                                                                                                                                       1.432E-03
1.821E-03
2.391E-03
                                            6.536E-03
6.757E-03
                                                                                 2.730E-04
                                                                                                   2.528E-04
                                                                                                                     9.661E-06
                                                                                                                                                         1.630E-04
          120
                                                                                                                                                         1.918E-04
2.052E-04
                                                                                                  2.985E-04
3.241E-04
                                                                                                                     1.156E-05
1.300E-05
                          2.034E-04
                                                                                 3.226E-04
          121
                                                              2.540E-05
4.215E-05
                                                                                 3.508E-04
                          2.182E-04
                                            6.109E-03
          122
                                                                                                                                                          3.292E-04
2.879E-04
                                            6.594E-03
7.284E-03
7.815E-03
                                                                                 5.709E-04
                                                                                                   5.268E-04
                                                                                                                     2.186E-05
                                                                                                                                       4.544E-03
          123
                          3.510E-04
                                                              3.545E-05
5.132E-05
7.969E-05
9.032E-05
                                                                                                                                       3.262E-03
5.381E-03
                                                                                                                     1.811E-05
2.655E-05
4.155E-05
                          3.060E-04
                                                                                 4.901E-04
                                                                                                   4.529E-04
         124
                                                                                                                                                          4.038E-04
                          4.304E-04
                                                                                6.973E-04
1.070E-03
                                                                                                   6.436E-04
                                                                                                   9.871E-04
                                                                                                                                       9.010E-03
                                                                                                                                                          6.142E-04
                                            8.467E-03
7.372E-03
                          6.557E-04
7.293E-04
          126
                                                                                                                                       1.093E-02
8.131E-03
4.332E-03
                                                                                                                                                          6.819E-04
5.161E-04
                                                                                1.200E-03
9.076E-04
                                                                                                                     4.746E-05
3.571E-05
                                                                                                   1.106E-03
         127
                          5.518E-04
                                            6.293E-03
                                                               6.807E-05
                                                                                                   8.365E-04
          128
                                                              4.019E-05
3.352E-05
                                                                                 5.449E-04
                                                                                                   5.029E-04
                                                                                                                     2.085E-05
                                                                                                                                                          3.140E-04
          129
                                            5.313E-03
                          3.348E-04
                                                                                                                                       3.379E-03
3.427E-03
                                            4.528E-03
                                                                                 4.581E-04
                                                                                                   4.230E-04
                                                                                                                     1.727E-05
                                                                                                                                                          2.664E-04
                          2.836E-04
         130
                                                                                                                                                         2.928E-04
5.751E-04
7.908E-04
8.661E-04
                                            4.686E-03
5.455E-03
6.341E-03
                                                              3.627E-05
7.545E-05
1.058E-04
                                                                                4.988E-04
1.006E-03
                                                                                                   4.609E-04
9.275E-04
                                                                                                                     1.857E-05
3.950E-05
                          3.114E-04
          131
                                                                                                                                       8.855E-03
          132
                          6.146E-04
                                                                                                                     5.578E-05
6.097E-05
2.760E-05
                                                                                                                                       1.320E-02
1.437E-02
                          8.466E-04
                                                                                 1.397E-03
                                                                                                   1.287E-03
         133
                                                                                1.528E-03
7.221E-04
4.558E-04
                          9.271E-04
                                            6.477E-03
                                                               1.157E-04
                                                                                                   1.408E-03
          134
                                                                                                                                       5.642E-03
2.994E-03
2.453E-03
                                                              5.330E-05
3.299E-05
                                                                                                                                                          4.183E-04
                                                                                                   6.664E-04
                                            5.277E-03
4.592E-03
                          4.459E-04
2.855E-04
          135
                                                                                                   4.213E-04
                                                                                                                     1.683E-05
                                                                                                                                                          2.687E-04
         136
                                                                                                                                                          2.844E-04
                                                                                                                     1.679E-05
1.533E-05
                                                              3.350E-05
3.071E-05
                                                                                 4.732E-04
4.365E-04
                          3.012E-04
                                            4.753E-03
                                                                                                   4.381E-04
          137
                                            4.859E-03
                                                                                                                                       2.121E-03
                                                                                                                                                          2.632E-04
                                                                                                   4.043E-04
          138
                          2.785E-04
                                                                                                                                       2.874E-03
2.578E-03
                                            5.108E-03
                                                                                 5.203E-04
                                                                                                   4.815E-04
                                                                                                                     1.862E-05
                                                                                                                                                          3.106E-04
2.762E-04
                                                               3.698E-05
                          3.292E-04
         139
                          2.928E-04
                                            5.010E-03
                                                               3.292E-05
                                                                                 4.631E-04
                                                                                                   4.285E-04
                                                                                                                     1.659E-05
          140
                                                                                                                                       3.353E-03
                                                                                                                                                          2.985E-04
                                            4.456E-03
3.887E-03
                                                                                 5.072E-04
                                                                                                   4.688E-04
                                                                                                                     1,874E-05
                          3.173E-04
                                                               3.671E-05
                                                              2.477E-05
1.741E-05
1.717E-05
1.404E-05
                                                                                 3.462E-04
                                                                                                   3.202E-04
                                                                                                                     1.255E-05
                                                                                                                                       2.072E-03
                                                                                                                                                          2.053E-04
                          2.178E-04
          142
                                                                                                                     8.742E-06
8.736E-06
7.025E-06
                                                                                2.461E-04
2.390E-04
1.986E-04
                                                                                                   2.278E-04
2.210E-04
1.838E-04
                                                                                                                                       1.306E-03
1.511E-03
                                                                                                                                                          1.472E-04
                          1.559E-04
                                            3.432E-03
          143
                                                                                                                                                          1.408E-04
                          1.495E-04
                                            3.112E-03
3.137E-03
                                                                                                                                                          1.196E-04
1.110E-04
                                                                                                                                       1.005E-03
          145
                          1.266E-04
                                                               1.279E-05
                                                                                1.819E-04
                                                                                                   1.685E-04
                                                                                                                     6.351E-06
                                                                                                                                       8.136E-04
                          1.173E-04
                                            3.082E-03
          146
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 231
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                          1 035E-04
                                                               1.185E-05
                                                                                                                                       7,169E-04
                          1.035E-04
9.011E-05
                                            2.890E-03
2.680E-03
                                                               1.122E-05
9.776E-06
                                                                                                   1.481E-04
1.290E-04
1.129E-04
                                                                                                                     5.555E-06
4.841E-06
4.235E-06
                                                                                                                                                          9.792E-05
8.527E-05
                                                                                 1.599E-04
                                                                                                                                       6.837E-04
5.984E-04
          148
                                                                                1.393E-04
1.218E-04
                                                                                                                                        5.219E-04
                                                                                                                                                          7.463E-05
                                                               8.552E-06
          150
                          7.886E-05
                                            2.494E-03
                                            2.5/5E-03
2.612E-03
2.436E-03
2.280E-03
                                                              8.984E-06
9.617E-06
8.288E-06
                                                                                                                                       5.540E-04
6.390E-04
                                                                                                                                                          7.020E 05
                                                                                 1.279E-04
                                                                                                   1.185E-04
                                                                                                                     4.451E-06
                          8.2/4E-05
          151
                                                                                                                                                          8.290E-05
                                                                                 1.363E-04
1.175E-04
                                                                                                   1.263E-04
1.089E-04
                                                                                                                     4.788E-06
4.121E-06
          152
                          8.769E-05
                                                                                                                                        5.401E-04
                                                                                                                                                          7.165E-05
                          7.577E-05
6.767E-05
          153
154
                                                               7.418E-06
                                                                                 1.051E-04
                                                                                                   9.730E-05
                                                                                                                     3.692E-06
                                                                                                                                        4.908E-04
                                                                                                                                                          6.398E-05
5.809E-05
                                                                                                                                       4.553E-04
                          6.146E-05
                                            2.141E-03
                                                               6.754E-06
                                                                                 9.552E-05
                                                                                                   8.847E-05
                                                                                                                     3 366E-06
```

```
2.093E-03
2.095E-03
2.035E-03
                                                                                                                 3.836E-06
4.271E-06
4.001E-06
                                                            7.620E-06
8.412E-06
7.919E-06
                                                                                                9.896E-05
1.088E-04
                                                                                                                                   5.904E-04
7.241E-04
                        6.788E-05
7.357E-05
                                                                              1.069E-04
1.177E-04
        156
157
                                                                                                                                                     6.930E-05
6.599E-05
                                                                                                                                    6.427E-04
                         6.999E-05
                                                                              1.108E-04
                                                                                                1.025E-04
         158
                                                                                                                                    6.129E-04
                                                                                                                                                     6.301E-05
                           683E-05
                                          2 010E-03
                                                                              1 056E-04
                                                                                                9 772E-05
                                                                                                                  3.820E-06
         159
                                                            7 561E-06
                                                                                                                                                     5.610E-05
5.292E-05
                                                            6.652E-06
                                                                              9.317E-05
                                                                                                                                    5.052E-04
                                           1.893E-03
         160
                         5.944E-05
                                                                                                                                   4.996E-04
5.608E-04
                                           1.020E 03
                                                             6.321E-06
                                                                              8.822E-05
9.761E-05
                                                                                                8 162E-05
9.030E-05
                                                                                                                  3.187E-06
                         5.611E-05
         161
                                                                                                                                                      5.848E-05
                                                                                                                  3.534E-06
                         6.201E-05
                                          1.960E-03
2.113E-03
                                                            7.001E-06
                                                                                                1.039E-04
                                                            8.081E-06
                                                                              1.124E-04
                                                                                                                  4.093E-06
                                                                                                                                    6.747E-04
                                                                                                                                                     6.696E-05
                         7.105E-05
         163
                                          2.291E-03
2.467E-03
2.269E-03
                                                                                                                                   9.673E-04
1.125E-03
                                                                                                                                                      8.217E-05
                                                                                                                  5.219E-06
5.991E-06
                                                             1.019E-05
                                                                              1.410E-04
                                                                                                1.303E-04
                         8.739E-05
         164
                                                                                                1.491E-04
                                                                              1.614E-04
1.523E-04
                         9.988E-05
                                                            1.168E-05
                                                            1.111E-05
8.742E-06
6.763E-06
5.694E-06
                                                                                                                                   1.141E-03
8.977E-04
                                                                                                                                                     8.794E-05
6.917E-05
5.422E-05
                                                                                                1,406E-04
                                                                                                                  5.736E-06
                         9 3688-05
         166
                                                                                                1.105E-04
                                                                                                                  4.512E-06
3.472E-06
         167
                         7.368E-05
                                           2.034E-03
                                                                              1.197E-04
                                                                                                8.541E-05
7.178E-05
                                                                              9.247E-05
7.772E-05
                                                                                                                                    6.576E-04
                                          1.756E-03
1.534E-03
                         5.769E-05
                                                                                                                                                     4.555E-05
4.707E-05
                         4.847E-05
                                                                                                                  2.926E-06
                                                                                                                                    5.590E-04
         169
                                                                                                7.419E-05
7.761E-05
7.871E-05
                                          1.570E-03
1.585E-03
1.637E-03
                                                                              8.032E-05
8.405E-05
8.525E-05
                         5.009E-05
                                                             5.885E-06
                                                                                                                  3.024E-06
3.176E-06
                                                                                                                                   5.777E-04
6.173E-04
         170
                                                                                                                                                      4.912E-05
                                                            6.169E-06
                         5.229E-05
                                                                                                                                    6.410E-04
                         5.292E-05
                                                            6.273E-06
                                                                                                                  3.237E-06
                                                                                                                                                      4.968E-05
         172
                                           1.688E-03
                                                                              8.456E-05
9.993E-05
1.190E-04
                                                                                                                                                      4.916E-05
                                                                                                7.806E-05
9.229E-05
                                                                                                                  3,222E-06
3,763E-06
                                                                                                                                   6.481E-04
7.208E-04
         173
                         5.239E-05
                                                            6.235E-06
                                                                                                                                                     5.851E-05
7.015E-05
                                          2.004E-03
2.413E-03
                         6.227E-05
7.458E-05
                                                            7.320E-06
                                                                                                                                   8.076E-04
9.705E-04
1.150E-03
                                                            8.665E-06
                                                                                                1.099E-04
                                                                                                                  4.431E-06
         175
                                                                                                                                                      9.083E-05
                                                            1.107E-05
1.273E-05
                                                                              1.530E-04
1.756E-04
                                                                                                1.415E-04
1.623E-04
                                                                                                                  5.631E-06
6,490E-06
                                           2.912E-03
                         9.647E-05
         176
                                                                                                                                                      1.037E-04
                                          3.308E-03
3.567E-03
                         1.102E-04
                                                                                                                                    1.166E-03
1.228E-03
                                                                                                                                                     9.560E-05
1.057E-04
                         1.017E-04
                                                            1.194E-05
                                                                              1,631E-04
                                                                                                1.507E-04
                                                                                                                  6.131E-06
         17A
                                                                              1.795E-04
2.126E-04
                                                                                                                  6.693E-06
7.818E-06
                                                            1.308E-05
1.537E-05
                         1.124E-04
                                           3.925E-03
                                                                                                1.658E-04
                                                                                                1.965E-04
                                                                                                                                    1.347E-03
                                                                                                                                                      1.261E-04
          80
                         1.340E-04
                                           4.365E-03
                                                                                                                                                     1.388E-04
1.035E-04
7.483E-05
                                           4.786E-03
                                                            1.690E-05
                                                                              2.339E-04
1.750E-04
                                                                                                2.163E-04
                                                                                                                  8.592E-06
                                                                                                                                   1.474E-03
1.140E-03
                         1.474E-04
         181
                                                            1.268E-05
9.314E-06
                                                                                                1.618E-04
1.179E-04
                                          3.779E-03
2.872E-03
                                                                                                                  6.464E-06
4.778E-06
         182
                         1.100E-04
                                                                              1.276E-04
                                                                                                                                    8.973E-04
         183
                         7.961E-05
                                                                                                                                                     5.517E-05
4.541E-05
4.697E-05
4.707E-05
                                                                                                8.798E-05
7.305E-05
7.524E-05
                                           2.264E-03
                                                            7.036E-06
                                                                              9.533E-05
                                                                                                                  3.644E-06
3.070E-06
                                                                                                                                   7.473E-04
6.650E-04
                         5,882E-05
         184
                                          1.874E-03
1.817E-03
1.761E-03
                                                                              7.920E-05
8.156E-05
                         4.848E-05
                                                            5.889E-06
6.047E-06
                                                                                                                  3.144E-06
                                                                                                                                    6.652E-04
         186
                         5.011E-05
                                                                                                                                   6.486E-04
6.397E-04
                         5.020E-05
                                                             6.025E-06
                                                                              8.145E-05
                                                                                                7.516E-05
                                                                                                                  3.125E-06
         187
                                                                                                                                                      4.829E-05
                                           1.729E-03
1.688E-03
                                                            6.130E-06
6.235E-06
                                                                                                7.673E-05
7.806E-05
                                                                                                                  3.169E-06
3.222E-06
                         5.146E-05
                                                                              8.313E-05
         188
                                                                              8.456E-05
                                                                                                                                    6.481E-04
                                                                                                                                                      4.916E-05
                         5.239E-05
4.587E-05
         189
                                                                                                                  2.851E-06
2.568E-06
                                                                                                                                    5.892E-04
5.485E-04
                                                                                                                                                     4.302E-05
3.821E-05
                                           1.433E-03
                                                             5.499E-06
                                                                              7.433E-05
                                                                                                6.859E-05
         190
                                           1.252E-03
1.083E-03
                                                            4.934E-06
4.444E-06
                                                                                                6.126E-05
5.493E-05
                         4.077E-05
                                                                              6.641E-05
                                                                              5.957E-05
                                                                                                                  2.321E-06
                                                                                                                                    5.106E-04
                                                                                                                                                      3.409E-05
         192
                         3.642E-05
                                                                                                                                                     2.234E-04
2.043E-04
                                           4.413E-03
                                                                              3.738E-04
3.395E-04
         193
                         2.367E-04
                                                             2.647E-05
                                                                                                3.460E-04
                                                                                                                  1.330E-05
                                                                                                                                    2.006E-03
                                                                                                                  1.190E-05
1.119E-05
                                                                                                                                    1,647E-03
                                                                                                3.144E-04
2.976E-04
                         2.162E-04
                                           4.321E-03
4.154E-03
                                                            2.384E-05
2.254E-05
         194
                                                                              3.212E-04
                                                                                                                                    1.434E-03
                                                                                                                                                      1.956E-04
                         2.06BE-04
         195
                                                                                                                                                     1.916E-04
1.898E-04
                                                                              3.142E-04
3.126E-04
                                                                                                2.911E-04
2.896E-04
                                                                                                                                   1.394E-03
1.467E-03
                         2.026E-04
                                           4.086E-03
                                                             2,206E-05
                                                                                                                  1.095E-05
         196
                                                                                                                  1.097E-05
                                                            2.202E-05
2.168E-05
                                          4.052E-03
3.984E-03
         197
                         2.007E-04
                         1.956E-04
                                                                              3.060E-04
                                                                                                 2.833E-04
                                                                                                                  1.085E-05
                                                                                                                                    1.550E-03
                                                                                                                                                      1.847E-04
         198
                                                                                                                        * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 232
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                  Page - 232
                                                            2.161E-05
2.197E-05
2.028E-05
                                                                                                                                    1.691E-03
                                                                                                                                                     1.813E-04
                                           3.873E-03
3.777E-03
                                                                              3.030E-04
                                                                                                2.803E-04
                                                                                                                  1.089E-05
                         1.922E-04
                                                                                                2.83E-04
2.830E-04
2.613E-04
2.438E-04
2.426E-04
                         1.922E-04
1.776E-04
                                                                                                                                    1.886E-03
1.734E-03
                                                                              3.061E-04
                                                                                                                  1,115E-05
                                                                                                                                                      1.811E-04
         200
                                                                              2.825E-04
2.636E-04
                                                                                                                  1.029E-05
9.624E-06
                                                                                                                                                     1.673E-04
1.560E-04
                                           3.715E-03
         201
                                                                                                                                    1.635E-03
         202
                         1.656E-04
                                           3.669E-03
3.620E-03
                                                            1.895E-05
                                                                              2.625E-04
                         1.634E-04
                                                             1 895E-05
                                                                                                                  9.684E-06
                                                                                                                                    1.754E-03
                                                                                                                                                      1.537E-04
                                                                                                                  1.520E-05
1.355E-05
                                                                                                                                                     2.552E-04
2.332E-04
                         2.704E-04
                                           4.704E-03
                                                            3.024E-05
                                                                              4.268E-04
3.868E-04
                                                                                                3.951E-04
3.583E-04
                                                                                                                                    2.294E-03
         204
                                                                                                                                    1.856E-03
         205
                         2.468E-04
2.400E-04
2.407E-04
                                           4.598E-03
                                                            2.716E-05
2.615E-05
                                                                              3.730E-04
                                                                                                                                    1.658E-03
                                                                                                                                                     2.270E-04
2.277E-04
                                           4.409E-03
                                                                                                 3.455E-04
                                                                                                                  1.298E-05
         206
                                                                                                3.468E-04
3.356E-04
3.264E-04
                                                                                                                  1.305E-05
1.275E-05
                                                                                                                                    1.685E-03
1.758E-03
         207
                                           4.356E-03
                                                            2.627E-05
                                                                              3.744E-04
                                                                                                                                                      2,192E-04
                                           4.331E-03
4.256E-03
4.142E-03
                                                            2.556E-05
2.508E-05
                                                                              3.624E-04
3.527E-04
         208
                         2.319E-04
                         2.240E-04
                                                                                                                  1.261E-05
                                                                                                                                    1.913E-03
                                                                                                                                                      2,114E-04
         209
                                                                                                3.383E-04
3.742E-04
                                                                                                                  1.339E-05
1.517E-05
                                                                                                                                    2.296E-03
2.883E-03
                                                                                                                                                     2.164E-04
2.366E-04
                                                             2.634E-05
                                                                              3.659E-04
         210
                                                            2.954E-05
2.314E-05
                                                                              4.051E-04
                         2.518E-04
                                           4.074E-03
                                          3.993E-03
3.936E-03
                                                                              3.206E-04
                                                                                                 2.963E-04
                                                                                                                  1.181E-05
                                                                                                                                    2,114E-03
                                                                                                                                                      1.882E-04
         212
213
                         2.000E-04
                                                                              2.894E-04
2.946E-04
4.755E-04
                                                                                                2.675E-04
2.722E-04
4.403E-04
                                                                                                                                                      1.699E-04
1.714E-04
2.856E-04
                         1.805E-04
                                                             2.085E-05
                                                                                                                  1.063E-05
                                                                                                                                    1.889E-03
2.086E-03
                                                                                                                  1.098E-05
1.680E-05
                         1.824E-04
                                           3.877E-03
                                                            2.139E-05
3.356E-05
                                                                                                                                    2.419E-03
                                           5.014E-03
                         3.024E-04
2.782E-04
         215
                                                                                                                                                     2,630E-04
2,645E-04
2,758E-04
                                           4.893E-03
                                                             3.056E-05
                                                                              4.355E-04
                                                                                                 4.034E-04
                                                                                                                  1.523E-05
                                                                                                                                    2.060E-03
         216
                         2.798E-04
2.918E-04
2.789E-04
                                                            3,064E-05
3,212E-05
3,116E-05
                                           4.713E-03
4.681E-03
                                                                              4.369E-04
4.566E-04
                                                                                                4.047E-04
4.229E-04
                                                                                                                  1.525E-05
1.602E-05
                                                                                                                                    2.019E-03
                                                                                                                                    2,193E-03
         218
                                           4.660E-03
                                                                               4.389E-04
                                                                                                 4.062E-04
                                                                                                                  1,565E-05
                                                                                                                                    2,346E-03
                                                                                                                                                      2.632E-04
         219
                                                                              4.197E-04
5.027E-04
                                                                                                                  1.524E-05
1.894E-05
                                                                                                                                    2.504E-03
3.678E-03
                                                                                                                                                      2.496E-04
2.931E-04
                         2.648E-04
                                           4.566E-03
                                                             3.009E-05
                                                                                                 3.881E-04
         220
                                           4.482E-03
4.400E-03
                                                                                                 4.642E-04
                         3.120E-04
3.017E-04
         221
                                                             3.680E~05
                                                             3.583E-05
                                                                               4.879E-04
                                                                                                 4.505E-04
                                                                                                                  1.850E-05
                                                                                                                                    3.692E-03
                                                                                                                                                      2.832E-04
         222
                                                                                                                                                      2.087E-04
1.890E-04
         223
                         2.220E-04
                                           4.300E-03
                                                             2.586E-05
                                                                              3.570E-04
3.241E-04
                                                                                                 3.299E-04
                                                                                                                  1.324E-05
1.204E-05
                                                                                                                                    2.446E-03
                                                                                                                                    2.247E-03
2.778E-03
                                                                                                2.995E-04
3.328E-04
         224
                         2.010E-04
                                           4.236E-03
4.177E-03
                                                            2.348E-05
2.646E-05
                                                                               3.605E-04
                                                                                                                  1.369E-05
                                                                                                                                                      2.081E-04
                         2.218E-04
         225
                                                                                                                                                     2.300E-04
2.161E-04
2.762E-04
2.438E-04
2.405E-04
                                           4.648E-03
4.571E-03
4.523E-03
                                                            2.876E-05
2.720E-05
3.585E-05
                                                                                                                  1.478E-05
1.402E-05
                                                                              3.952E-04
3.727E-04
                                                                                                3.650E-04
3.442E-04
                                                                                                                                    2.826E-03
2.747E-03
         226
                         2.448E-04
         227
                         2.301E-04
                         2.949E-04
2.596E-04
                                                                               4.827E-04
                                                                                                 4.453E-04
                                                                                                                  1.870E-05
                                                                                                                                    4.060E-03
         228
                                                                                                                  1.576E-05
1.575E-05
                                                                                                                                    3.063E-03
3.165E-03
                                           5.027E-03
                                                             3.062E-05
                                                                               4.200E-04
                                                                                                 3.879E-04
         229
                                                                                                 3.842E-04
         230
                         2.562E-04
3.217E-04
                                           4.918E-03
                                                            3.048E-05
3.920E-05
                                                                               4.161E-04
                                           4.836E-03
                                                                               5,273E-04
                                                                                                 4.863E-04
                                                                                                                  2.046E-05
                                                                                                                                    4.477E-03
                                                                                                                                                      3.013E-04
         231
                                                                                                                                                      2.945E-04
2.445E-04
         232
                         3.139E-04
                                           5.473E-03
                                                             3.754E-05
                                                                               5.105E-04
                                                                                                 4.712E-04
                                                                                                                  1.944E-05
                                                                                                                                    3.987E-03
                                                                                                                                    3.142E-03
3.500E-03
                                                            3.084E-05
3.276E-05
5.158E-05
                                                                                                 3.903E-04
                                                                                                                  1.591E-05
                         2.604E-04
                                           5.245E-03
                                                                               4.226E-04
                                                                               4.458E-04
                                                                                                 4,114E-04
                                                                                                                  1.698E-05
                                                                                                                                                      2.565E-04
         234
                         2.735E-04
                                           5.126E-03
                                                                                                                                                      3.969E-04
         235
                                           5.981E-03
                                                                               6.937E-04
                                                                                                 6.398E-04
                                                                                                                  2.691E-05
                                                                                                                                    5,868E-03
                         4.238E-04
                                                                                                                                                      2.814E-04
                                                                                                 4.503E-04
                                                                                                                                    3.738E-03
3.934E-03
                                           5.647E-03
5.563E-03
                                                            3.574E-05
3.645E-05
                         2.999E-04
                                                                               4.878E-04
                                                                                                                  1.848E-05
                                                                                                                  1.891E-05
2.269E-05
2.078E-05
                                                                               4.948E-04
                                                                                                 4.566E-04
                                                                                                                                                      2.846E-04
         237
238
                         3.035E-04
3.638E-04
                                           6.158E-03
                                                             4.373E-05
                                                                               5.930E-04
                                                                                                 5,472E-04
                                                                                                                                    4.735E-03
                                                                                                                                                      3.411E-04
3.126E-04
                                                                                                 5.013E-04
                                                                                                                                    4.331E-03
                                                             4.005E-05
                                                                              5.432E-04
7.142E-04
         239
                         3.333E-04
                                           6.022E-03
                                                             5,291E-05
                                                                                                                  2.753E-05
                                                                                                                                    5.864E-03
                                                                                                                                                      4.101E-04
                         4.376E-04
3.849E-04
                                           6.732E-03
                                                                                                 6.589E-04
         240
                                           6,498E-03
                                                                               6.280E-04
                                                                                                5.794E-04
7.553E-04
                                                                                                                   2.417E-05
                                                                                                                                    5.127E-03
                                                                                                                                                      3.607E-04
                                                             4,648E-05
         241
                                                                                                                                    6.820E-03
5.451E-03
                                                                                                                                                      4.698E-04
                                                                                                                  3.168E-05
2.577E-05
                         5.014E-04
                                           7.299E-03
                                                             6.081E-05
                                                                               8 188E-04
                                                                                                                                                      3.851E-04
                                           6.961E-03
7.797E-03
                                                                                                 6.176E-04
         243
                         4.109E-04
                                                             4.958E-05
                                                                               6.694E-04
                                                                                                 7.087E-04
5.402E-04
2.373E-05
                         4.725E-04
                                                             5.676E-05
                                                                               7.680E-04
                                                                                                                   2.945E-05
                                                                                                                                    6.130E-03
                                                                                                                                                      4.430E-04
         244
245
                                                            4.283E-05
1.938E-06
                                                                              5.850E-04
2.576E-05
                                                                                                                  2,208E-05
                                                                                                                                    4.335E-03
2.411E-04
                                                                                                                                                      3.401E-04
                         3.622E-04
                                           7.379E-03
                                                                                                                   1.022E-06
                                                                                                                                                      1.451E-05
         246
247
                         1.553E-05
1.743E-05
                                           3.221E-04
                                           3.544E-04
                                                             2.164E-06
                                                                               2,881E-05
                                                                                                 2,655E-05
                                                                                                                   1,138E-06
                                                                                                                                    2.643E-04
                                                                                                                                                      1.629E-05
                                                                                                                                                      1.807E-05
                         1.933E-05
                                           3.937E-04
                                                             2.395E-06
                                                                               3.194E-05
                                                                                                 2 944E-05
                                                                                                                  1.259E-06
                                                                                                                                    2.907E-04
```

6.404E-05

249 250	1.761E-05 1.699E-05	4.656E-04 5.449E-04	2.155E-06 2.034E-06	2.900E-05 2.762E-05		1.126E-06 1.054E-06	2.498E-04 2.164E-04	1.649E-05 1.594E-05	
DEN QUEEN t File:	MINING - SOLEDA g:\ace\GQ91\GQPA	AD MIN PROJEC ACE.DAT	T ~ ALL RECE Output	PTORS, 1991 File: g:\ac	MET, PM10 e\GQ91\GQFAC	* OUTPU	T OF AMI/SBC	APCD ACE2588 MODEL VERS. 9 1/07/95 09:41:42 Page	93288 * - 23 3
251 251 252 253 254 255 257 258 259 260 261 263 264 266 267 268 269 270 271 272 273 274 275 276 277 278 281 282 283 284 285 286 287 288 289 280 281 281 282 283 284 285 276 277 278 278 278 279 279 279 279 279 279 279 279 279 279	g:\ace\GQ91\GQPs 1.823E-05 1.861E-05 1.954E-05 1.956E-05 1.968E-05 1.968E-05 1.590E-05 1.441E-05 1.342E-05 1.441E-05 1.342E-05 1.464E-05 1.611E-05 1.977E-05 2.058E-05 1.962E-05 1.946E-05 1.737E-05 2.058E-05 1.737E-05 2.098E-05 1.568E-05 1.573E-05 1.586E-05 1.715E-05 1.573E-05 1.533E-05	6.129E-04 6.830E-04 7.204E-04 7.279E-04 7.279E-04 7.279E-04 8.053E-04 7.953E-04 6.867E-04 6.187E-04 6.187E-04 6.187E-04 6.350E-04	Output 2.152E-06 2.154E-06 2.250E-06 2.193E-06 2.199E-06 2.199E-06 2.104E-06 1.55E-06 1.509E-06 1.502E-06 2.333E-06 2.339E-06 1.720E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.502E-06 1.77E-06 2.333E-06 2.37E-06 2.37E-06 2.37E-06 2.337E-06 2.337E-06 2.337E-06 2.337E-06 2.337E-06 2.337E-06 2.337E-06	File: 8:\ac 2.941E-05 2.967E-05 3.164E-05 3.064E-05 3.064E-05 2.954E-05 2.755E-05 2.244E-05 2.185E-05 2.297E-05 2.297E-05 3.157E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 2.821E-05 3.168E-05 2.821E-05 3.168E-05 2.708E-05 3.168E-05 2.708E-05 3.168E-05	e\GQ91\GQPAC: 2.716E-05 2.742E-05 2.877E-05 2.835E-05 2.837E-05 2.837E-05 2.734E-05 2.734E-05 2.734E-05 1.934E-05 1.934E-05 2.125E-05	1.109E-06 1.100E-06 1.100E-06 1.110E-06 1.111E-06 1.111E-06 1.100E-06 1.100E-06 1.00E-06 1.00E-06 1.055E-07 7.743E-07 7.377E-07 8.259E-07 8.259E-07 9.224E-07 1.067E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-07 8.627E-07 9.247E-07 9.725E-07 1.069E-06 1.163E-06 1.163E-06 1.163E-06 1.216E-06 1.216E-06 1.216E-06 1.240E-06 1.262E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07	1 2.164E-04 1.971E-04 2.005E-04 1.773E-04 1.773E-04 1.755E-04 1.555E-04 1.383E-04 1.383E-04 1.095E-04 1.095E-04 1.095E-04 1.261E-04 1.490E-04 1.862E-04 2.397E-04 2.397E-04 2.397E-04 2.148E-04 1.725E-04 1.72	1.712E-05 1.751E-05 1.840E-05 1.840E-05 1.819E-05 1.834E-05 1.847E-05 1.847E-05 1.656E-05 1.669E-05 1.362E-05 1.362E-05 1.362E-05 1.362E-05 1.382E-05 1.382E-05 1.393E-05 1.713E-05 1.873E-05 1.713E-05 1.873E-05 1.875E-05 1.142E-05 1.855E-05 1.1471E-05 1.142E-05 1.376E-05 1.1471E-05 1.377E-05 1.377E-05 1.377E-05 1.471E-05 1.576E-05 1.779E-05 1.779E-05 1.779E-05 1.779E-05 1.979E-05 1.979E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.978E-05 1.498E-05 1.978E-05	- 233
298 299 300	1.927E-05 1.790E-05 1.608E-05 1.451E-05	7.005E-04 6.635E-04 6.069E-04 5.569E-04	2.256E-06 2.104E-06 1.896E-06 1.712E-06	3.091E-05 2.877E-05 2.588E-05 2.337E-05	2.657E-05 2.390E-05	1,157E-06 1.082E-06 9.757E-07 8.816E-07	2.180E-04 2.075E-04 1.891E-04 1.715E-04	1.811E-05 1.681E-05 1.511E-05 1.363E-05	
301 302 GOLDEN QUEE	1.282E-05	5.052E-04	1.510E-06	2.063E-05		8.816E-07 7.769E-07 * OUTPU	1.499E-04	1.205E-05	93288 *
	N MINING - SOLEDA g:\ace\GQ91\GQPA 1.142E-05 1.234E-05 1.328E-05 1.470E-05 1.624E-05 1.778E-05 1.923E-05 2.132E-05 2.358E-05 2.440E-05 2.456E-05 2.451E-05 2.110E-05 1.748E-05 1.748E-05 1.748E-05 1.747E-05 1.897E-05 2.159E-05 2.159E-05 1.152E-05 1.634E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.838E-05 1.634E-05 1.634E-05 1.634E-05 1.634E-05 1.634E-05 1.634E-05 1.59E-05 1.59E-05 1.59E-05 1.59E-05 1.59E-05 1.59E-05							APCD ACE2588 MODEL VERS. 9 1/07/95 09:41:42 Page 1.073E-05 1.156E-05 1.243E-05 1.378E-05 1.523E-05 1.609E-05 2.157E-05 2.224E-05 2.302E-05 2.314E-05 1.790E-05 1.790E-05 2.152E-05 1.790E-05 1.715E-05 1.350E-05 1.350E-05 1.319E-05 1.319E-05 1.319E-05 1.319E-05 1.424E-05 1.593E-05 1.792E-06	93288 * - 234

```
2.470E-04
2.505E-04
2.563E-04
                                                                                                    3.098E-05
3.415E-05
3.723E-05
                                                                                 3.355E-05
3.696E-05
                                                                                                                       1.269E-06
                                            7.077E-04
8.247E-04
                                                              2.463E-06
2.691E-06
                         2.087E-05
2.317E-05
                                                                                                                                                            2.179E-05
2.390E-05
                                                                                                                       1.376E-06
        339
                                             9.499E-04
                                                                                                                       1.483E-06
1.521E-06
                                                               2.915E-06
                                                                                  4.028E-05
        340
                                                                                  4.199E-05
                                                                                                     3.884E-05
                                                                                                                                          2.422E-04
                                                               3.012E-06
                         2.666E-05
                                            9.647E-04
                                            1.023E-03
                                                               3.119E-06
                                                                                  4.354E-05
                                                                                                     4.028E-05
                                                                                                                       1.572E-06
                                                                                                                                          2.459E-04
                                                                                                                                                            2.612E-05
        342
                         2.769E-05
                                                                                  4.413E-05
4.355E-05
4.057E-05
                                                                                                                                          2.413E-04
2.277E-04
                                             1.035E-03
                                                               3.15ZE 06
                                                                                                     4.083E-03
4.031E-05
                                                                                                                        1.586E-06
                                                                                                                                                             2.655E-05
         343
                                            1.103E-03
1.093E-03
                                                                                                                       1.555E-06
                                                                                                                                                            2.630E-05
                          2.786E-05
                                                               3.101E-06
2.880E-06
                         2.601E-05
2.327E-05
                                                                                                     3.756E-05
                                                                                                                       1.441E-06
                                                                                                                                          2.045E-04
                                                                                                                                                            2.457E-05
        345
                                            1.046E-03
9.519E-04
8.208E-04
                                                               2.558E-06
2.318E-06
2.191E-06
                                                                                                     3.350E-05
3.037E-05
                                                                                                                                                            2.199E-05
                                                                                  3.617E-05
3.279E-05
                                                                                                                       1.275E-06
1.155E-06
                                                                                                                                          1.732E-04
1.556E-04
         346
                         2.110E-05
2.000E-05
         347
                                                                                                                                                            1.891E-05
1.986E-05
                                                                                  3.105E-05
                                                                                                     2.876E-05
                                                                                                                       1.090E-06
                                                                                                                                          1.446E-04
         348
                                            7.462E-04
7.405E-04
8.177E-04
8.659E-04
8.844E-04
                                                               2.335E-06
2.575E-06
2.774E-06
                                                                                  3.285E-05
3.596E-05
                                                                                                     3.041E-05
                                                                                                                       1.169E-06
                                                                                                                                          1.686E-04
                          2.103E-05
                                                                                                                                          2.023E-04
2.317E-04
2.476E-04
                         2.288E-05
2.439E-05
2.486E-05
2.372E-05
2.161E-05
                                                                                                     3.327E-05
                                                                                                                       1.298E-06
                                                                                                                                                             2.159E-05
         350
                                                                                                                       1.405E-06
1.448E-06
1.391E-06
                                                                                                                                                            2.298E-05
2.341E-05
                                                                                  3.853E-05
                                                                                                     3.563E-05
        351
                                                                                                    3.645E-05
3.488E-05
                                                               2.848E-06
2.731E-06
                                                                                  3.943E-05
3.774E-05
                                                                                                                                          2.433E-04
                                                                                                                                                             2.233E-05
         353
                                            8.703E-04
                                                               2.489E-06
                                                                                  3.439E-05
                                                                                                    3.179E-05
                                                                                                                       1.268E-06
                                                                                                                                          2.221E-04
                                                                                                                                                            2.034E-05
         354
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                          11/07/95 09:41:42
                                                                                                                                                                                          Page -
                          1.929E-05
                                             8.256E-04
                                                               2.225E-06
                                                                                  3.072E-05
                                            7.529E-04
6.747E-04
5.937E-04
5.084E-04
4.412E-04
3.984E-04
                                                               1.973E-06
1.726E-06
1.520E-06
                                                                                                                       1.006E-06
8.804E-07
7.752E-07
                                                                                  2.721E-05
2.381E-05
                                                                                                    2.515E-05
2.201E-05
                                                                                                                                         1.793E-04
1.565E-04
                                                                                                                                                            1.606E-05
1.406E-05
                          1.707E-05
         356
                          1.494E-05
                                                                                                                                          1.379E-04
                                                                                  2.096E-05
                                                                                                     1.937E-05
         358
                         1.315E-05
1.178E-05
                                                                                                                       6.959E-07
                                                                                                     1.736E-05
1.556E-05
1.416E-05
                                                               1.363E-06
                                                                                  1.879E-05
                                                                                                                                          1.246E-04
                                                                                                                                                             1.108E-05
9.938E-06
         359
                                                                                                                       6.241E-07
5.689E-07
                                                                                  1.684E-05
1.532E-05
                                                                                                                                          1.119E-04
                                                               1.222E-06
1.113E-06
                          1.056E-05
                                                                                                                                          1.028E-04
                                                                                                                                                             9.034E-06
                          9.603E-06
         361
                                                              1.571E-06
1.755E-06
1.964E-06
2.133E-06
                                            3.135E-04
3.524E-04
4.279E-04
                          1.286E-05
                                                                                  2.104E-05
                                                                                                     1.940E-05
2.171E-05
                                                                                                                       8,208E-07
                                                                                                                                          1.811E-04
1.995E-04
                                                                                                                                                             1.204E-05
         362
                                                                                  2.354E-05
2.638E-05
2.874E-05
3.249E-05
                                                                                                                       9.156E-07
                                                                                                                                                             1.350E-05
                          1.442E-05
                                                                                                     2.433E-05
2.651E-05
2.998E-05
                                                                                                                       1.024E-06
                                                                                                                                          2.213E-04
                                                                                                                                                             1.515E-05
                         1.618E-05
1.769E-05
         364
                                                                                                                       1.109E-06
1.246E-06
         365
                                                                                                                                          2.339E-04
                                            5.046E-04
                                                                                                                                                            1.658E-05
                                                                                                                                          2.567E-04
2.740E-04
2.828E-04
2.857E-04
                                                              2.404E-06
2.684E-06
2.966E-06
3.238E-06
                                                                                                                                                             1.882E-05
                                            5.960E-04
7.323E-04
                          2.007E-05
                          2.264E-05
2.541E-05
                                                                                  3.647E-05
                                                                                                     3.367E-05
3.754E-05
4.133E-05
                                                                                                                       1.384E-06
                                                                                                                                                             2.126E-05
2.389E-05
2.653E-05
         367
                                                                                                                       1.520E-06
1.648E-06
                                            8.822E-04
                                                                                  4.063E-05
         368
                                                                                  4.471E-05
                                            1.044E-03
1.081E-03
1.157E-03
         369
                         2.818E-05
3.034E-05
                                                               3.432E-06
3.567E-06
                                                                                                                       1.734E-06
1.797E-06
1.819E-06
                                                                                                                                          2.779E-04
2.795E-04
2.720E-04
                                                                                  4.781E-05
                                                                                                     4.423E-05
                                                                                                                                                             2.861E-05
         370
                                                                                  4.982E-05
5.079E-05
                                                                                                                                                             2.991E-05
3.061E-05
                                                                                                     4.610E-05
4.700E-05
                          3.171E-05
                         3.243E-05
3.186E-05
2.931E-05
                                            1.166E-03
1.250E-03
                                                               3.622E-06
3.539E-06
                                                                                  4.976E-05
                                                                                                     4,606E-05
                                                                                                                       1.773E-06
                                                                                                                                          2.566E-04
                                                                                                                                                             3.009E-05
         373
                                                                                  4.565E-05
4.076E-05
                                                                                                     4.227E-05
3.775E-05
                                                                                                                       1.616E-06
1.433E-06
                                                                                                                                          2.254E-04
1.915E-04
                                                                                                                                                            2.769E-05
2.481E-05
                                            1.227E-03
                                                                3.236E-06
                                                               2.879E-06
2.633E-06
                                            1.160E-03
1.033E-03
                          2.624E-05
                                                                                                                                          1.725E-04
1.780E-04
2.144E-04
                          2.405E-05
2.398E-05
                                                                                  3.732E-05
                                                                                                     3.457E-05
                                                                                                                       1.310E-06
                                                                                                                                                             2.274E-05
2.267E-05
         376
                                            8.853E-04
                                                               2.636E-06
                                                                                  3 729E-05
                                                                                                     3.453E-05
3.728E-05
3.995E-05
                                                                                                                       1.314E-06
                                                                                  4.028E-05
4.318E-05
                                                                                                                                                             2.429E-05
2.584E-05
2.638E-05
                                                                                                                       1.442E-06
                          2.573E-05
2.741E-05
2.800E-05
                                            8.450E-04
8.847E-04
                                                               2.872E-06
3.100E-06
         378
                                                                                                                                          2.510E-04
2.717E-04
2.693E-04
                                                                                                                        1.566E-06
         379
                                                                                                                       1.621E-06
1.565E-06
                                            9.658E-04
9.985E-04
9.864E-04
                                                               3.196E-06
3.077E-06
2.783E-06
                                                                                                     4.099E-05
3.937E-05
                                                                                  4.433E-05
4.259E-05
                                                                                                                                                             2.525E-05
                          2.682E-05
2.424E-05
         381
                                                                                                                                          2.442E-04
2.156E-04
1.870E-04
                                                                                                                                                             2.282E-05
2.005E-05
                                                                                  3.851E-05
                                                                                                     3.561E-05
                                                                                                                       1.415E-06
         382
                                                               2.446E-06
2.120E-06
                                            9.347E-04
8.503E-04
                                                                                  3.385E-05
2.933E-05
                                                                                                     3.129E-05
2.712E-05
                                                                                                                       1.245E-06
                          2.129E-05
                                                                                                                       1.079E-06
                                                                                                                                                             1.737E-05
                          1.845E-05
1.590E-05
         384
                                                                                                     2.336E-05
2.046E-05
                                                                                                                                                             1.498E-05
         385
                                             7.504E-04
                                                                1.826E-06
                                                                                  2.527E-05
                                                                                                                       9.289E-07
                                                                                                                                          1.604E-04
                                                                                                                       8.142E-07
7.199E-07
                                                                                                                                          1.411E-04
1.256E-04
                                                                                                                                                             1.311E-05
                                                                                  2.213E-05
                          1.392E-05
                                            6.500E-04
5.512E-04
                                                               1.600E-06
1.414E-06
                                                                                  1.954E-05
                                                                                                     1.806E-05
                                                                                                                                                             1.157E-05
         387
                          1.229E-05
                                                                                                                                          1.125E-04
                                                                                  1.737E-05
1.567E-05
                                                                                                                       6.409E-07
5.796E-07
         388
                          1.092E-05
                                            4.783E-04
                                                                1.258E-06
                                                                                                     1.606E-05
                                                                                                                                                             1.028E-05
                                                                                                                                          1.027E-04
9.338E-05
                                                                                                                                                             9.263E-06
                                                               1.136E-06
1.025E-06
                                                                                                     1.448E-05
1.305E-05
         389
                          9.843E-06
                                            4.324E-04
                                                                                  1.412E-05
                                                                                                                        5.230E-07
                                                                                                                                                             8.338E-06
                                            4.020E-04
3.351E-04
                          8.861E-06
1.337E-05
1.481E-05
         390
                                                                                                                                                             1.251E-05
1.386E-05
                                                                1.639E-06
                                                                                  2.194E-05
                                                                                                     2.023E-05
                                                                                                                        8.581E-07
                                                                                                                                          1.918E-04
         391
                                                                                                                       9.435E-07
1.060E-06
                                                               1.807E-06
2.034E-06
                                                                                  2.421E-05
2.731E-05
                                                                                                     2.233E-05
2.519E-05
                                                                                                                                          2.073E-04
2.295E-04
                                            3.627E-04
         392
                                            4.232E-04
5.100E-04
                                                                                                                                                             1.569E-05
         393
                          1.675E-05
                                                               2.034E-06
2.295E-06
2.557E-06
2.901E-06
3.259E-06
                          1.893E-05
2.131E-05
                                                                                                                                                             1.773E-05
1.998E-05
                                                                                  3.085E-05
                                                                                                     2.846E-05
                                                                                                                       1.195E-06
1.326E-06
                                                                                                                                          2.570E-04
         394
                                                                                                     3.187E-05
3.631E-05
                                                                                                                                          2.752E-04
3.024E-04
                                            6.180E-04
                                                                                  3.453E-05
3.933E-05
                                                                                                                        1.500E-06
                                                                                                                                                             2.286E-05
                          2.436E-05
2.776E-05
3.165E-05
         396
                                            7.558E-04
9.404E-04
                                                                                   4.451E-05
                                                                                                     4.111E-05
                                                                                                                        1.674E-06
                                                                                                                                          3.188E-04
                                                                                                                                                             2.609E-05
         397
                                                                                                                       1.859E-06
2.000E-06
         398
                                            1.144E-03
                                                                3.648E-06
                                                                                   5.031E-05
                                                                                                     4.650E-05
                                                                                                                                          3.268E-04
                                                                                                                                                             2.979E-05
                                                                                                                                           3.247E-04
                                                                                                                                                             3.287E-05
                                                                                  5.501E-05
5.793E-05
                                                               3.955E-06
4.144E-06
                                                                                                     5.088E-05
                          3.487E-05
                                             1.228E-03
         200
                                             1.319E-03
                                                                                                                        2.087E-06
                                                                                                                                           3.223E-04
                                                                                                                                                             3.481E-05
                          3.689E-05
                                                                                                      5.360E-05
         400
                                                                                                                                          3.135E-04
2.941E-04
                          3.810E-05
                                             1,337E-03
                                                                4.244E-06
                                                                                   5.959E-05
                                                                                                     5.516E-05
                                                                                                                        2.129E-06
                                                                                                                                                             3.597E-05
         401
                                                                                                                        2.057E-06
                                                                                                                                                             3.501E-05
                          3.706E-05
3.359E-05
                                            1.432E-03
1.388E-03
1.298E-03
                                                                4.109E-06
3.699E-06
                                                                                  5.783E-05
5.226E-05
                                                                                                     5.354E-05
         402
                                                                                                     4.840E-05
                                                                                                                        1.846E-06
                                                                                                                                           2.531E-04
                                                                                                                                                              3.175E-05
         403
                                                                                                                                          2.196E-04
1.993E-04
                                                                                                                       1.663E-06
                                                                                                                                                             2.886E-05
2.705E-05
                          3.052E-05
                                                                3.342E-06
                                                                                  4.736E-05
                                                                                                     4.387E-05
         404
                                                                                                                       1.549E-06
1.638E-06
                                                                                                     4.104E-05
                          2.860E-05
                                             1.110E-03
                                                                3.120E-06
                                                                                  4.431E-05
                                                                                  4.617E-05
                                                                                                     4.274E-05
                                                                                                                                                             2.797E-05
                                                                3.276E-06
                                                                                                                                          2.311E-04
                                             9 910E-04
                          2 961E-05
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **Input File: g:\ace\GQ91\GQPACE.OUT **Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                          11/07/95
                                                                                                                                                                          09:41:42
                                                                                                                                                                                           Page -
                                                                                  4.941E-05
5.099E-05
                                                                                                                                          2.758E-04
3.052E-04
                                                                                                                                                             2.968E-05
                                             9.883E-04
                                                                3.536E-06
                                                                                                     4.572E-05
                                                                                                                        1.781E-06
                                                                                                     4.716E-05
                                                                                                                        1.858E-06
                                                                                                                                                             3.042E-05
                          3.228E-05
3.076E-05
                                            1.076E-03
1.137E-03
                                                               3.669E-06
3.517E-06
         408
                                                                                                                                          3.020E-04
                                                                                  4.876E-05
                                                                                                     4.509E-05
                                                                                                                        1.786E-06
                                                                                                                                                             2.898E-05
         409
                                                               3.148E-06
2.736E-06
2.327E-06
                                                                                                     4.037E-05
3.507E-05
                                                                                                                        1.598E-06
1.389E-06
                                                                                                                                          2.704E-04
2.361E-04
         410
                          2.753E-05
                                            1.132E-03
                                                                                   4.366E-05
                                                                                                                                                             2.593E-05
                                            1.132E-03
1.070E-03
9.700E-04
8.412E-04
7.170E-04
6.021E-04
5.232E-04
4.756E-04
                          2.391E-05
2.035E-05
1.736E-05
                                                                                  3.793E-05
3.227E-05
2.754E-05
2.372E-05
                                                                                                                                                             2.252E-05
                                                                                                     2.984E-05
2.546E-05
2.193E-05
                                                                                                                        1,182E-06
                                                                                                                                           2.004E-04
                                                                                                                                                              1.916E-05
         412
                                                                                                                                          1.706E-04
1.480E-04
                                                                1.985E-06
                                                                                                                        1.008E-06
                                                                                                                                                             1.636E-05
         413
                                                                                                                        8.694E-07
                                                                                                                                                              1.408E-05
                                                               1.712E-06
1.490E-06
         414
                          1.495E-05
1.299E-05
                                                                                   2.062E-05
                                                                                                     1.906E-05
                                                                                                                        7.573E-07
                                                                                                                                           1.301E-04
                                                                                                                                                              1.223E-05
         415
                                                               1.318E-06
1.175E-06
1.035E-06
                          1.147E-05
                                                                                   1.822E-05
                                                                                                     1.684E-05
1.500E-05
                                                                                                                        6.708E-07
5.986E-07
                                                                                                                                          1.164E-04
1.048E-04
                                                                                                                                                             1.080E-05
                                                                                   1.623E-05
                                                                                                                                                              9.608E-06
                          1.021E-05
         417
                                                                                   1.429E-05
                                                                                                     1.321E-05
                                                                                                                        5.272E-07
                                                                                                                                           9.213E-05
                                                                                                                                                              8.467E-06
                          8.994E-06
                                             4.467E-04
         418
                          7.863E-06
                                             4.243E-04
                                                                9.037E-07
                                                                                   1.249E-05
                                                                                                      1.154E-05
                                                                                                                        4.599E-07
                                                                                                                                           7.976E-05
                                                                                                                                                             7.403E-06
1.301E-05
                                                                                                                        8.986E-07
9.976E-07
                                                                                                                                          2.038E-04
2.236E-04
                                                                                                     2.107E-05
                                            3.322E-04
3.852E-04
                                                                1.714E-06
1.905E-06
                                                                                  2.286E-05
2.550E-05
         420
                          1,391E-05
                                                                                                      2.351E-05
                                                                                                                                                              1.453E-05
         421
                          1.552E-05
                                                                                                                                          2.453E-04
2.697E-04
2.988E-04
3.285E-04
3.590E-04
                                             4.317E-04
         422
                           1.753E-05
                                                                2.139E-06
                                                                                   2.868E-05
                                                                                                     2.645E-05
                                                                                                                        1.117E-06
                                                                                                                                                              1.642E-05
                                             5.169E-04
6.290E-04
7.899E-04
                                                                                                     2.984E-05
3.381E-05
                                                                                                                                                              1.860E-05
                          1.985E-05
                                                                2.407E-06
2.720E-06
                                                                                  3.236E-05
3.665E-05
                                                                                                                        1.254E-06
         423
                          2.254E-05
                                                                                                                                                              2.113E-05
         424
425
```

3.903E-05

4 502E-05

1.616E-06

1 844E-06

2.455E-05 2.849E-05

4.229E-05

4 876E-05

3.123E-06

3.581E-06

2.616E-05

3 034E-05

9.939E-04

```
5.247E-05
                                                                                                                      2.108E-06
2.336E-06
2.481E-06
                                                                                                                                                            3.354E-05
                                                                                                                                         3.782E-04
         427
                                                               4.128E-06
                                                                                  5.678E-05
                                                                                                                                                            3.817E-05
                          4.050E-05
4.398E-05
                                            1.407E-03
1.524E-03
                                                               4.610E-06
4.931E-06
                                                                                 6.399E-05
6.900E-05
                                                                                                    5.917E-05
6.385E-05
                                                                                                                                         3.864E-04
3.793E-04
         428
                                                                                                                                                            4.150E-05
         429
         430
                          4.581E-05
                                            1.564E-03
                                                               5.091E-06
                                                                                  7.157E-05
                                                                                                     6,626E-05
                                                                                                                       2.550E-06
                                                                                                                                          3.697E-04
                                                                                                                                                            4.326E-05
                                                                                                                       2.421E-06
2.174E-06
                                                                                                                                         3.416E-04
2.913E-04
                                            1.659E-03
1.580E-03
1.448E-03
                                                                                                    6.318E-05
5.722E-05
                                                                                                                                                            4.136E-05
         431
                          4.378E-05
                                                               4.843E-06
                                                                                  6.824E-05
                                                               4.365E-06
                          3.977E-05
                                                                                  6.178E-05
         432
                                                                                  5.646E-05
5.518E-05
                                                                                                                       1.975E-06
1.939E-06
                                                                                                                                         2.550E-04
2.572E-04
                                                               3.977E-06
                                                                                                     5.231E-05
                                                                                                                                                            3 446E-05
         433
                                                                                                     5.111E-05
                                                                                                                                                            3.361E-05
                                                               3.895E-06
         434
                          3.555E-05
                                            1.221E-03
                                                                                                                       2.078E-06
2.153E-06
2.086E-06
                                            1.159E-03
                                                               4.141E-06
                                                                                  5.813E-05
                          3.716E-05
         435
                                                               4.263E-06
4.113E-06
3.645E-06
                                                                                                                                                            3.557E-05
3.399E-05
                                            1.205E-03
                                                                                  5.942E-05
5.711E-05
                                                                                                    5.497E-05
5.281E-05
                                                                                                                                         3.430E-04
3.480E-04
         436
                                            1.307E-03
1.320E-03
         437
                          3.608E-05
                          3.198E-05
                                                                                  5.064E-05
                                                                                                     4.683E-05
                                                                                                                       1.848E-06
                                                                                                                                         3.079E-04
                                                                                                                                                            3.013E-05
         438
                                                               3.123E-06
2.590E-06
2.177E-06
                                                                                                    4.011E-05
3.330E-05
                                                                                                                       1.584E-06
1.312E-06
                                                                                                                                         2.653E-04
2.171E-04
                                                                                                                                                            2.579E-05
2.144E-05
                          2.738E-05
                                            1.244E-03
                                                                                  4.337E-05
         439
                                                                                  3.601E-05
                          2.276E-05
1.912E-05
                                            1.120E-03
9.519E-04
         440
                                                                                                                                                            1.802E-05
1.519E-05
                                                                                  3.026E-05
                                                                                                     2.798E-05
                                                                                                                       1.103E-06
                                                                                                                                          1.827E-04
         441
                                                               1.839E-06
1.578E-06
1.387E-06
                                                                                 2.553E-05
2.188E-05
1.920E-05
                                                                                                                                         1.563E-04
1.358E-04
1.209E-04
                          1.612E-05
                                            7.974E-04
                                                                                                     2.361E-05
                                                                                                                       9.329E-07
                                                                                                    2.023E-05
1.775E-05
1.545E-05
                                                                                                                       8.014E-07
                                                                                                                                                            1.300E-05
                                           6.634E-04
5.797E-04
                          1.380E-05
1.210E-05
         443
                                                                                                                                                            1.140E-05
9.921E-06
                                                                                                                       7.053E-07
         444
                                           5.319E-04
4.983E-04
4.564E-04
3.960E-04
                                                                                  1.671E-05
1.440E-05
1.245E-05
                                                                                                                       6.142E-07
5.280E-07
                                                                                                                                         1.054E-04
                          1.054E-05
                                                               1.208E-06
1.040E-06
                                                                                                     1.332E-05
                                                                                                                                          8.961E-05
                                                                                                                                                            8.560E-06
                          9.088E-06
7.861E-06
         446
                                                                                                                                         7.707E-05
6.739E-05
2.107E-04
                                                                                                                       4.561E-07
3.998E-07
                                                               8.986E-07
                                                                                                     1.151E-05
                                                                                                                                                            7.405E-06
         447
                                                               7.877E-07
1.733E-06
1.977E-06
                                                                                                     1.010E-05
                                                                                                                                                            6.495E-06
                          6.895E-06
                                                                                  1 092E-05
                                            3.211E-04
3.851E-04
                                                                                  2.305E-05
2.636E-05
                                                                                                    2.125E-05
2.429E-05
2.746E-05
                                                                                                                       9.111E-07
                                                                                                                                                            1.307E-05
                          1.398E-05
         449
                                                                                                                                         2.368E-04
2.616E-04
2.884E-04
                                                                                                                       1.038E-06
                                                                                                                                                            1.498E-05
          450
                                                                                 2.978E-05
3.401E-05
3.947E-05
4.521E-05
5.340E-05
                          1.812E-05
2.081E-05
                                            4.510E-04
5.298E-04
                                                               2.226E-06
2.534E-06
                                                                                                                       1.166E-06
1.322E-06
                                                                                                                                                            1.696E-05
                                                                                                     3.136E-05
                                                                                                                                                             1.949E-05
          452
                                                               2.934E-06
3.345E-06
3.929E-06
                                                                                                    3.640E-05
4.172E-05
                                                                                                                       1.528E-06
1.734E-06
                                                                                                                                         3.275E-04
3.579E-04
          453
                                             6.430E-04
                                                                                                                                                            2.269E-05
                          2.791E-05
                                                                                                                                                             2.617E-05
                                            8.100E-04
1.053E-03
1.337E-03
          454
                                                                                                    4.930E-05
5.952E-05
7.011E-05
                                                                                                                                                            3.113E-05
3.796E-05
4.514E-05
                          3.316E-05
                                                                                                                       2.026E-06
                                                                                                                                          4.005E-04
         455
                                                                                                                                         4.404E-04
4.681E-04
                                                                                  6.442E-05
7.583E-05
                                                                                                                       2.403E-06
2.778E-06
                          4.036E-05
                                                               4.696E-06
          456
                                                               5.474E-06
5.981E-06
                                             1.609E-03
                          4.792E-05
                                            1.778E-03
                                                                                  8.381E-05
                                                                                                     7.757E-05
                                                                                                                       3.005E-06
                                                                                                                                          4.514E-04
                                                                                                                                                            5.050E-05
                          5.350E-05
         458
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                         11/07/95 09:41:42
                                                                                                                                                                                           Page -
                                                                                                                       3.148E-06
2.936E-06
2.667E-06
                                                                                                                                          4.475E-04
                                                               6.292E-06
5.884E-06
5.370E-06
                                                                                  8.862E-05
                                                                                                     8.205E-05
                          5.338E-05
4.921E-05
                                            1.943E-03
1.829E-03
                                                                                  8.307E-05
7.624E-05
7.036E-05
                                                                                                                                         4.049E-04
3.439E-04
3.077E-04
                                                                                                    7.692E-05
7.063E-05
                                                                                                                                                            5.044E-05
         460
                                                                                                                                                            4.654E-05
4.303E-05
         461
                                                                                                                       2.451E-06
2.497E-06
                                                               4.945E-06
5.001E-06
                                                                                                     6.519E-05
         462
                          4.548E-05
                                             1.616E-03
                                                                                                                                         3.453E-04
3.932E-04
4.039E-04
3.590E-04
                                                                                  7.060E-05
7.135E-05
                                            1.409E-03
                                                                                                     6.537E-05
                          4 535E-05
         463
                                                                                                                       2.566E-06
2.480E-06
2.183E-06
                                            1.399E-03
                                                               5.100E-06
                                                                                                     6.602E-05
                                                                                                                                                            4.289E-05
          464
                                                                                                                                                            4.072E-05
                                            1.507E-03
1.561E-03
         465
                          4.320E-05
3.792E-05
                                                               4.901E-06
4.311E-06
                                                                                  6.821E-05
                                                                                                     6.309E-05
                                                                                  5.997E-05
                                                                                                     5.547E-05
         466
                                                                                                                                         3.028E-04
2.428E-04
2.012E-04
1.676E-04
                                                                                                                       1.839E-06
1.495E-06
1.228E-06
                                            1.474E-03
                                                               3.631E-06
                                                                                  5.052E-05
                                                                                                     4.672E-05
3.810E-05
                                                                                                                                                            3.010E-05
                                                                                                                                                            2.458E-05
                          2.607E-05
2.136E-05
1.757E-05
                                                               2.957E-06
2.427E-06
                                                                                  4.119E-05
3.377E-05
                                            1.313E-03
1.092E-03
         468
                                                                                                    3.123E-05
2.570E-05
                                                                                                                                                            2.014E-05
         469
                                           8.957E-04
                                                              1.999E-06
1.700E-06
1.453E-06
                                                                                  2.779E-05
2.359E-05
                                                                                                                       1.013E-06
                                                                                                                                                           1.655E-05
         470
                                                                                                                       8.624E-07
7.375E-07
6.242E-07
5.315E-07
                                                                                                     2.181E-05
                                                                                                                                                            1.403E-05
         471
472
                          1.490E-05
1.273E-05
                                            7.403E-04
6.538E-04
                                                                                                                                         1.241E-04
1.036E-04
8.747E-05
                                                                                                                                                            1.199E-05
1.019E-05
8.700E-06
                                                                                                    1.863E-05
1.581E-05
                                                                                  2.015E-05
                                                               1.232E-06
1.050E-06
                                           6.000E-04
5.458E-04
                                                                                  1.710E-05
1.459E-05
                          1.081E-05
                                                                                                     1.349E-05
                          9.232E-06
7.997E-06
                                             4.720E-04
                                                               9.082E-07
                                                                                  1.263E-05
                                                                                                     1.168E-05
                                                                                                                       4.597E-07
                                                                                                                                          7.521E-05
                                                                                                                                                            7.538E-06
6.701E-06
                                                               8.066E-07
7.349E-07
1.787E-06
                                                                                                                       4.081E-07
3.717E-07
                                                                                                                                         6.644E-05
6.037E-05
                                           3.915E-04
3.269E-04
                                                                                  1.122E-05
1.023E-05
                          7.109E-06
                                                                                                     1.038E-05
                                                                                                     9.461E-06
                                                                                                                                                            6.109E-06
          477
                          6.480E-06
                                                                                  2.376E-05
2.698E-05
3.074E-05
          478
                          1.435E-05
                                             3.363E-04
                                                                                                     2.189E-05
                                                                                                                       9.410E-07
                                                                                                                                          2.205E-04
                                                                                                                                                             1.341E-05
                                                                                                     2.487E-05
2.834E-05
                          1.635E-05
                                            3.809E-04
                                                               2.027E-06
2.306E-06
                                                                                                                       1.066E-06
1.210E-06
                                                                                                                                         2.467E-04
2.758E-04
                                                                                                                                                            1.528E-05
1.748E-05
                                            4.569E-04
          480
                          1.869E-05
                          2.161E-05
2.535E-05
                                             5.404E-04
                                                               2.655E-06
                                                                                  3.552E-05
                                                                                                     3.275E-05
                                                                                                                       1.391E-06
                                                                                                                                          3.127E-04
                                                                                                                                                             2.022E-05
          481
                                                                                                                                         3.483E-04
3.971E-04
4.477E-04
                                                               3.080E-06
                                             6.660E-04
                                                                                  4.138E-05
                                                                                                     3.816E-05
                                                                                                                       1.606E-06
                                                                                                                                                            2.374E-05
          482
                                                               3.625E-06
4.340E-06
5.299E-06
6.708E-06
7.570E-06
                                                                                  4.887E-05
5.892E-05
7.248E-05
                                                                                                                       1.884E-06
2.241E-06
                                                                                                                                                             2.818E-05
                                            8.216E-04
1.104E-03
          483
                          3.007E-05
                                                                                                     4.509E-05
                                                                                                     5,440E-05
                          3.653E-05
         484
          485
                          4.528E-05
                                             1.454E-03
                                                                                                     6.695E-05
                                                                                                                       2.719E-06
                                                                                                                                         5.115E-04
5.862E-04
                                                                                                                                                            4.256E-05
5.507E-05
                                                                                                                       3.411E-06
3.766E-06
                                                                                                     8.578E-05
          486
                          5.848E-05
                                            1.841E-03
                                                                                  9.278E-05
                                            2.314E-03
2.145E-03
                                                                                  1.073E-04
                                                                                                     9.937E-05
                                                                                                                                          4.971E-04
                                                                                                                                                             6.537E-05
                          6.914E-05
6.348E-05
         487
          488
                                                               6.894E-06
                                                                                  9.814E-05
                                                                                                     9.094E-05
                                                                                                                       3.416E-06
                                                                                                                                          4.257E-04
                                                                                                                                                             6.006E-05
                                                                                                                       3.212E-06
3.238E-06
                                                                                                                                         4.169E-04
4.715E-04
                                                                                  9.174E-05
9.080E-05
          489
                          5.918E-05
                                            1.851E-03
1.717E-03
                                                               6.464E-06
6.460E-06
                                                                                                     8.498E-05
                                                                                                                                                             5.597E-05
                                                                                                     8.405E-05
                          5.810E-05
          490
                          5.323E-05
                                             1.764E-03
                                                               6.005E-06
                                                                                  8.380E-05
                                                                                                     7.753E-05
                                                                                                                       3.030E-06
                                                                                                                                          4.788E-04
                                                                                                                                                             5.020E-05
          491
                          4.583E-05
3.815E-05
3.033E-05
                                            1.880E-03
1.786E-03
1.567E-03
                                                                                                                       2.625E-06
2.184E-06
1.731E-06
                                                                                  7.235E-05
6.022E-05
                                                                                                     6.692E-05
5.570E-05
                                                                                                                                          4.239E-04
                                                                                                                                                             4.320E-05
          492
                                                               5.191E-06
                                                                                                                                         3.521E-04
2.760E-04
                                                               4.320E-06
                                                                                                                                                             3.596E-05
          493
                                                               3.427E-06
                                                                                  4.783E-05
                                                                                                     4.425E-05
                                                                                                                                                            2.860E-05
                                                                                  3.775E-05
3.078E-05
2.554E-05
                                                                                                                       1.369E-06
1.119E-06
9.306E-07
7.704E-07
                                                                                                                                          2.206E-04
          495
                          2.392E-05
                                            1.273E-03
                                                               2.708E-06
2.212E-06
                                                                                                     3.492E-05
2.847E-05
                                                                                                                                                             2.255E-05
                          1.949E-05
1.616E-05
                                            1.021E-03
                                                                                                                                          1.825E-04
                                                                                                                                                             1.837E-05
          496
         497
                                             8.437E-04
                                                               1.837E-06
                                                                                                     2.362E-05
                                                                                                                                         1.533E-04
                                                                                                                                                             1.523E-05
                                                                                  2.121E-05
1.765E-05
1.506E-05
                                                                                                                                         1.248E-04
                          1.344E-05
                                            7.481E-04
                                                               1.523E-06
                                                                                                     1.961E-05
                                                                                                                                                             1.267E-05
          498
                                                                                                                       6.391E-07
5.446E-07
                                                                                                     1.632E-05
                                                                                                                                                             1,056E-05
                          1.120E-05
9.564E-06
                                                               1.266E-06
1.079E-06
                                                                                                                                         1.019E-04
          499
                                            6.695E-04
5.753E-04
                                                                                                     1.393E-05
                                                                                                                                         8.615E-05
                                                                                                                                                             9.019E-06
          500
                                                                                                                       4.799E-07
4.335E-07
3.984E-07
                                                                                                                                         7.582E-05
6.820E-05
                                                                                                                                                             7.951E-06
7.191E-06
                          8.431E-06
                                             4.711E-04
                                                               9.510E-07
                                                                                  1.327E-05
                                                                                                     1.228E-05
          501
                                                                                  1.200E-05
1.104E-05
                                                               8.595E-07
7.902E-07
7.366E-07
                          7.625E-06
7.018E-06
                                            3.866E-04
3.317E-04
                                                                                                     1.110E-05
          502
                                                                                                                                          6.232E-05
5.809E-05
                                                                                                     1.021E-05
                                                                                                                                                             6.619E-06
         503
                                                                                                                                                             6.171E-06
1.317E-05
                                             2.965E-04
                                                                                  1.029E-05
                                                                                                     9.520E-06
                                                                                                                       3.714E-07
          504
                          6.542E-06
                                                                                                                                          2.138E-04
2.509E-04
                                                                                  2.326E-05
2.713E-05
                                             3.186E-04
3.915E-04
                                                               1.749E-06
2.040E-06
                                                                                                                       9.200E-07
          505
                          1.409E-05
                                                                                                     2.143E-05
                                                                                                     2.500E-05
                                                                                                                       1.074E-06
                          1.640E-05
         506
                                            4.598E-04
5.582E-04
6.717E-04
8.633E-04
                                                                                                                                                             1.791E-05
                                                                                                                                          2.890E-04
3.231E-04
          507
                          1.916E-05
                                                               2.375E-06
                                                                                  3.164E-05
                                                                                                     2.916E-05
                                                                                                                        1.249E-06
                                                                                                                                                             2.077E-05
2.478E-05
                                                                                  3.647E-05
4.347E-05
                                                                                                                       1.431E-06
1.698E-06
         508
                          2.220E-05
                                                               2.731E-06
3.245E-06
                                                                                                     3.362E-05
                                                                                                                                          3.786E-04
                          2.648E-05
3.161E-05
                                                                                                     4,008E-05
         509
                                                               3.825E-06
                                                                                  5.148E-05
                                                                                                     4.749E-05
                                                                                                                       1.991E-06
                                                                                                                                          4.251E-04
                                                                                                                                                             2.962E-05
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **ut Filo: g:\aco\GQ91\GQPACE.DAT Output File: g:\aco\GQ91\GQPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page = 238
                                                                                                                                                                         09:41:42 Page - 238
                                                                                                                                         4.998E-04
5.652E-04
1.958E-03
5.642E-04
                                                               4.730E-06
5.871E-06
1.669E-05
9.287E-06
                                                                                  6.406E-05
                                                                                                     5.912E-05
                                                                                                                                                             3.714E-05
                          3.959E-05
                                             1.123E-03
                                            1.593E-03
2.199E-03
2.529E-03
                                                                                  8.030E-05
2.235E-04
1.324E-04
                                                                                                     7.418E-05
2.060E-04
1.227E-04
                                                                                                                       3.011E-06
8.736E-06
4.597E-06
                                                                                                                                                            4.717E-05
1.272E-04
8.109E-05
                          5.019E-05
                          1.359E-04
8.569E-05
                          8.075E-05
                                             2.234E-03
                                                               8.916E-06
                                                                                  1.258E-04
                                                                                                     1.165E-04
                                                                                                                       4.453E-06
                                                                                                                                          6.208E-04
                                                                                                                                                            7.630E-05
```

```
2.762E-05
2.242E-05
                                                                                                 2.555E-05
2.075E-05
                                                                                                                   8.074E-07
                                                                                                                                      1.248E-04
                                                                                                                                                        1.346E-05
                                           8.545E-04
7.228E-04
                                                             1.603E-06
        523
                        1.427E-05
                                                                                                                   6.741E-07
5.811E-07
                                                                                                                                                        1.126E-05
9.709E-06
                                                             1,339E-06
                                                                               1.874E-05
                                                                                                 1.735E-05
                                                                                                                                      1.034E-04
                        1,193E-05
        524
                                                                                                 1.495E-05
1.338E-05
                                                                                                                                      8.912E-05
                                                             1.155E-06
1.033E-06
                                                                               1.616E-05
1.446E-05
        525
                         1.029E-05
                                           5.826E-04
                                                                                                                    5.200E-07
                                                                                                                                      7.987E-05
                                                                                                                                                        8.685E-06
         526
                         9.206E-06
                                           4.683E-04
                                                                                                                                     7.285E-05
6.760E-05
                                                                                                                                                        7.904E-06
7.274E-06
                        8.377E-06
                                           3.961E-04
                                                             9.405E-07
                                                                               1.316E-05
                                                                                                 1.217E-05
                                                                                                                   4.735E-07
        527
                                                             8.666E-07
8.049E-07
7.526E-07
1.595E-06
                                                                               1.211E-05
                                                                                                 1.121E-05
                                                                                                                   4.365E-07
                         7.710E-06
                                           3.510E-04
        528
                                                                                                                                      6.322E-05
                                          3.190E-04
2.942E-04
2.603E-04
3.439E-04
                                                                                                                                                        6.747E-06
6.302E-06
                                                                               1.124E-05
                                                                                                 1.040E-05
                                                                                                                   4.057E-07
                         7.153E-06
        529
                                                                               1.051E-05
2.121E-05
2.544E-05
                        6,682E-06
                                                                                                 9.721E-06
1.955E-05
                                                                                                                   3.795E-07
8.387E-07
                                                                                                                                      5.943E-05
        530
                                                                                                                                      1.946E-04
                                                                                                                                                        1.201E-05
                         1.285E-05
        531
                                                                                                                                     2.342E-04
2.817E-04
                                                                                                                                                        1.440E-05
1.720E-05
                                                             1.913E-06
                                                                                                 2.345E-05
                                                                                                                   1.007E-06
         532
                         1.540E-05
                                                                                                 2.806E-05
3.332E-05
3.975E-05
                                           4.527E-04
5.627E-04
7.046E-04
                                                             2.289E-06
2.713E-06
3.225E-06
                                                                               3.045E-05
3.615E-05
4.312E-05
                         1.840E-05
                                                                                                                   1.205E-06
        533
                                                                                                                                     3.297E-04
3.790E-04
                                                                                                                   1.426E-06
                                                                                                                                                        2.046E-05
                         2.189E-05
                                                                                                                   1.689E-06
                                                                                                                                                       2.458E-05
3.030E-05
                         2.627E-05
         535
                                                                                                                                      4.538E-04
                                                                               5.297E-05
6.632E-05
2.312E-04
                                                                                                                   2.063E-06
2.546E-06
                         3.236E-05
                                           8.860E-04
                                                             3.950E-06
                                                                                                  4.885E-05
        536
                                                                                                 6.120E-05
2.143E-04
                                                                                                                                      5.275E-04
                                           1.201E-03
3.545E-03
                                                             4.909E-06
1.624E-05
                                                                                                                                                        3.837E-05
                         4.091E-05
         537
                                                                                                                                      1.027E-03
1.059E-03
                                                                                                                                                        1.410E-04
1.269E-04
                                                                                                                   8.059E-06
                        1.491E-04
1.344E-04
         538
                                                                                                                   7.447E-06
6.692E-06
3.722E-06
                                           3.169E-03
                                                             1.489E-05
                                                                               2.098E-04
                                                                                                  1.943E-04
        539
                                                                                                                                                        1.096E-04
                                                                                                                                      1.099E-03
                                                                                                 1.702E-04
9.471E-05
                         1.163E-04
                                           2.900E-03
                                                             1.322E-05
7.348E-06
                                                                               1.840E-04
1.024E-04
         540
                                                                                                                                      6.147E-04
3.717E-04
                                                                                                                                                        6.087E-05
                         6.459E-05
4.422E-05
3.280E-05
                                           2.845E-03
2.407E-03
                                                                                                 6.418E-05
4.766E-05
3.556E-05
2.774E-05
2.244E-05
                                                                               6.935E-05
5.150E-05
                                                                                                                   2.482E-06
1.849E-06
                                                                                                                                                        4.174E-05
3.095E-05
                                                             4.941E-06
        542
                                                             3.676E-06
2.743E-06
2.136E-06
1.728E-06
1.459E-06
                                                                                                                                      2.818E-04
                                           1.845E-03
         543
                                                                               3.843E-05
2.997E-05
2.425E-05
2.045E-05
                                          1.420E-03
1.155E-03
9.505E-04
7.496E-04
                                                                                                                    1.379E-06
                                                                                                                                      2.096E-04
                                                                                                                                                        2.311E-05
                        2.449E-05
1.912E-05
                                                                                                                   1.073E-06
8.680E-07
                                                                                                                                                        1.805E-05
                                                                                                                                      1.606E-04
        545
                        1.547E-05
1.304E-05
1.140E-05
1.019E-05
9.250E-06
                                                                                                                                      1.298E-04
                                                                                                                                                        1.460E-05
         546
                                                                                                                                      1.110E-04
9.786E-05
                                                                                                                                                        1.230E-05
                                                                                                  1.892E-05
                                                                                                                   7.336E-07
         547
                                                             1.459E-06
1.277E-06
1.144E-06
1.040E-06
9.554E-07
8.847E-07
7.711E-07
1.411E-06
                                                                                                                                                        1.075E-05
                                                                                                                   6.425E-07
5.760E-07
5.238E-07
                                                                               1.788E-05
1.600E-05
                                                                                                 1.655E-05
1.481E-05
                                           5.866E-04
         548
                                                                                                                                      8.856E-05
                                                                                                                                                        9.617E-06
                                           4.864E-04
4.263E-04
                                                                                                                                      8.112E-05
7.495E-05
                                                                               1.453E-05
                                                                                                  1.345E-05
                                                                                                                                                        8.727E-06
         550
                                                                                                                    4.815E-07
                                                                                                                                                        8.010E-06
                                                                                                  1.235E-05
                         8.492E-06
                                           3.848E-04
                                                                               1.334E-05
         551
                                                                                                 1.235E-05
1.143E-05
1.063E-05
9.938E-06
1.726E-05
                                                                                                                                                        7.409E-06
6.890E-06
                                                                               1.235E-05
                                                                                                                    4.461E-07
                                                                                                                                      6.984E-05
                         7.855E-06
7.305E-06
                                           3.524E-04
3.250E-04
                                                                                                                                      6.563E-05
6.217E-05
                                                                               1.149E-05
1.074E-05
                                                                                                                   4.158E-07
3.895E-07
         553
                         6.822E-06
                                           3.015E-04
2.821E-04
                                                                               1.874E-05
                                                                                                                    7.458E-07
                                                                                                                                      1.795E-04
                                                                                                                                                        1.049E-05
         555
                        1.123E-05
1.346E-05
                                                                                                                                      2.080E-04
2.509E-04
                                                                                                 2.057E-05
2.513E-05
3.011E-05
                                                                               2.232E-05
2.727E-05
                                                                                                                                                        1.258E-05
1.542E-05
                                           3.051E-04
                                                             1.678E-06
                                                                                                                    8.843E-07
         556
                                                             2.049E-06
2.453E-06
                                                                                                                    1.078E-06
                         1.649E-05
                                           3.790E-04
5.203E-04
                                                                                                                    1.289E-06
                                                                                                                                      2.974E-04
                                                                                                                                                        1.851E-05
                                                                               3.267E-05
                         1.980E-05
2.430E-05
         558
                                           6.965E-04
                                                             3.005E-06
                                                                                4.007E-05
                                                                                                  3.693E-05
                                                                                                                    1.578E-06
                                                                                                                                      3.624E-04
                                                                                                                                                        2.272E-05
         559
                                                                                                                                                        2.882E-05
5.305E-05
                                                                                                                   1.972E-06
3.463E-06
                                                                                                                                      4.385E-04
                                                             3.770E-06
6.709E-06
1.109E-05
                                                                               5.048E-05
9.111E-05
                                                                                                 4.654E-05
8.411E-05
                         3.079E-05
                                           9.250E-04
         560
                                                                                                                                      6.896E-04
                                          1.832E-03
2.910E-03
                         5.652E-05
9.632E-05
                                                                                                                                                        9.067E-05
                                                                               1.531E-04
                                                                                                  1.415E-04
                                                                                                                    5.649E-06
                                                                                                                                      9.889E-04
         562
   DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
put File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                     11/07/95
                                                                                                                                                                     09:41:42
                                                                                                                                                                                      Page -
                                                                                4.393E-04
                                                                                                  4.069E-04
                                                                                                                                      2.053E-03
                                                                                                                                                        2.657E-04
                                                             3.082E-05
                         2.810E-04
3.246E-04
                                           4.715E-03
                                                                                                 4.856E-04
4.856E-04
4.276E-04
9.421E-05
5.983E-05
4.172E-05
3.112E-05
                                                                               5.262E-04
4.638E-04
1.018E-04
                                           4.422E-03
                                                             3.880E-05
                                                                                                                   2.009E-05
1.812E-05
                                                                                                                                      4.108E-03
4.058E-03
                                                                                                                                                        3.045E-04
2.640E-04
        564
         565
                         2.822E-04
                                           4.121E-03
                                                             3.462E-05
7.272E-06
                                                                                                                                      5.824E-04
3.517E-04
2.400E-04
                                           3.173E-03
2.340E-03
                                                                                                                    3.671E-06
                                                                                                                                                        6.075E-05
        566
567
                         6.443E-05
4.116E-05
                                                                                                                                                        3.884E-05
2.715E-05
                                                                                                                   2.317E-06
1.612E-06
                                                             4.609E-06
                                                                                6.465E-05
                                           1.729E-03
1.337E-03
1.016E-03
7.708E-04
                                                             3.210E-06
2.393E-06
1.939E-06
                                                                                4.508E-05
         568
                         2.876E-05
                                                                                3.362E-05
                                                                                                                    1.200E-06
                                                                                                                                      1.762E-04
                                                                                                                                                        2.029E-05
                         2.149E-05
1.738E-05
         569
                                                                                                 2.518E-05
2.147E-05
1.889E-05
                                                                                                                   9.733E-07
8.312E-07
                                                                                                                                      1.446E-04
1.247E-04
                                                                                                                                                        1.640E-05
                                                                                2.721E-05
         570
                                                                                                                                                        1.397E-05
                                                             1.654E-06
1.457E-06
1.299E-06
         571
                         1.480E-05
                                                                               2.319E-05
                                                                                                                                                        1.229E-05
                                                                                2.041E-05
                                                                                                                    7.322E-07
                                                                                                                                      1.105E-04
                                           6.231E-04
5.376E-04
         572
                         1.302E-05
                         1.161E-05
                                                                                1.820E-05
                                                                                                  1.684E-05
                                                                                                                    6.533E-07
                                                                                                                                      9.881E-05
                                                                                                                                                        1.096E-05
         573
                                                                                                                                      9.037E-05
8.323E-05
                                                                                                                                                        9.885E-06
                                                                                                                   5.911E-07
5.376E-07
                         1.048E-05
                                           4.790E-04
                                                              1.175E-06
                                                                               1.644E-05
1.491E-05
                                                                                                  1.521E-05
1.380E-05
         574
                                                             1.067E-06
9.694E-07
8.791E-07
7.970E-07
7.238E-07
                                                                                                                                                        8.958E-06
         575
                         9.495E-06
                                           4.330E-04
                                                                                                                                      7.647E-05
6.997E-05
6.397E-05
                                           3.976E-04
3.719E-04
                                                                                                                                                        8.120E-06
7.351E-06
                                                                                1.353E-05
                                                                                                  1.252E-05
                                                                                                                    4.887E-07
         576
577
                         8.608E-06
7.794E-06
7.056E-06
                                                                                                                   4.435E-07
4.024E-07
                                                                                1.226E-05
                                                                                                  1.134E-05
                                                                                                  1.028E-05
9.325E-06
                                                                                                                                                        6.654E-06
                                                                                1.111E-05
                                           3.546E-04
3.424E-04
         578
                         6.399E-06
9.356E-06
                                                                                1.008E-05
                                                                                                                    3.657E-07
                                                                                                                                      5.863E-05
                                                                                                                                                        6.033E-06
         579
                                                                                                  1.442E-05
1.705E-05
2.014E-05
                                                                                                                   6.259E-07
7.417E-07
                                                                                                                                      1.530E-04
1.838E-04
                                                                                                                                                        8.730E-06
                                           3.441E-04
                                                              1.182E-06
                                                                                1.566E-05
         580
                                                                                                                                                        1.027E-05
                                                                               1.852E-05
2.187E-05
                                           3.926E-04
4.205E-04
                                                             1.398E-06
1.648E-06
                         1.101E-05
         581
                                                                                                                                      2.136E-04
2.492E-04
                                                                                                                                                        1.217E-05
1.499E-05
                                                                                                                    8.731E-07
         582
                         1.305E-05
                                                             2.003E-06
2.584E-06
3.380E-06
                                                                                                 2.456E-05
3.176E-05
4.158E-05
                                                                                                                    1.056E-06
                         1.605E-05
                                            4.691E-04
                                                                                2.665E-05
         583
                                                                                                                                      3.129E-04
4.040E-04
                                                                                                                    1.358E-06
                                                                                                                                                        1.952E-05
                                            6.176E-04
                         2.087E-05
                                                                               3.446E-05
4.511E-05
         584
                                                                                                                                                        2.562E-05
5.161E-05
                         2.739E-05
5.503E-05
9.727E-05
                                                                                                                    1.773E-06
         585
                                           8.846E-04
                                                                                                                                      7.110E-04
1.030E-03
                                                                                                  8.242E-05
1.432E-04
                                                                                                                    3.426E-06
5.748E-06
                                           1.944E-03
                                                              6.605E-06
                                                                                8.932E-05
         586
                                                                                                                                                        9.152E-05
                                                             1.126E-05
                                                                               1.550E-04
4.430E-04
         587
                                           3.334E-03
                                                                                                  4.089E-04
                                                                                                                    1.694E-05
                                                                                                                                      3.525E-03
                                                                                                                                                        2.550E-04
                                                              3.266E-05
                                           5.665E-03
3.127E-03
         588
                         2.720E-04
                                                                                                                                                        6.110E-05
                         6.493E-05
                                                              7.507E-06
                                                                                1.046E-04
                                                                                                  9.666E-05
                                                                                                                    3.830E-06
                                                                                                                                      6.842E-04
         589
                                                                                                                   1.868E-06
1.409E-06
                                                                                                                                      2.639E-04
2.031E-04
                                                                                                                                                        3.191E-05
                                                                                5.269E-05
3.959E-05
                                                                                                  4.879E-05
3.665E-05
                         3.378E-05
                                           2.110E-03
                                                              3.737E-06
         590
                                                                                                                                                        2.394E-05
         591
                                                              2.814E-06
                         2.535E-05
                                           1.496E-03
                                                                                                  2.974E-05
2.502E-05
                         2.056E-05
                                           1.085E-03
                                                              2.285E-06
                                                                                3.213E-05
                                                                                                                    1.145E-06
                                                                                                                                      1.666E-04
                                                                                                                                                        1,941E-05
         592
                                                                                                                                      1.424E-04
                                                                                                                                                         1.631E-05
                                                                                                                   9.660E-07
8.305E-07
         593
                         1.728E-05
                                           8.444E-04
                                                              1.926E-06
                                                                               2.703E-05
2.316E-05
                                                                                                  2.143E-05
                                                                                                                                      1.248E-04
                                                                                                                                                         1.395E-05
                                           7.141E-04
6.278E-04
                                                              1.653E-06
                         1,478E-05
         594
                                                              1.431E-06
                                                                                2.002E-05
                                                                                                  1.853E-05
                                                                                                                    7.200E-07
                                                                                                                                      1.100E-04
                                                                                                                                                        1.204E-05
                         1.276E-05
         595
                                                                                                                                      9.683E-05
8.542E-05
                                                                                                                                                         1.044E-05
                                                                                1.738E-05
1.516E-05
                                                                                                  1.608E-05
1.403E-05
         596
                         1.107E-05
                                            5.681E-04
                                                              1.243E-06
                                                                                                                    6.262E-07
                                                                                                                    5.473E-07
                                                                                                                                                         9.098E-06
                         9.646E-06
8.478E-06
                                                              1.086E-06
         597
                                            5.270E-04
                                            4.964E-04
                                                              9.557E-07
                                                                                1.333E-05
                                                                                                  1.234E-05
                                                                                                                    4.820E-07
4.277E-07
                                                                                                                                      7.583E-05
                                                                                                                                                         7.996E-06
         598
                                                                                                                                      6.752E-05
                                                                                                                                                         7.087E-06
                                                                                                  1.094E-05
                                            4.693E-04
                                                              8.476E-07
                                                                                1.182E-05
                                                                                                                                       6.082E-05
                                                                                                  9.816E-06
                                                              7.609E-07
6.871E-07
                                                                                1.061E-05
                                                                                                                    3.840E-07
                                                                                                                                                         6.358E-06
                         6.742E-06
                                            4.406E-04
         600
                                                                                9.583E-06
8.759E-06
1.321E-05
                         6.090E-06
                                            4.089E-04
                                                                                                  8.866E-06
                                                                                                                    3.467E-07
                                                                                                                                       5.480E-05
5.005E-05
                                                                                                                                                         5.743E-06
         601
                                                                                                                                                         5.249E-06
                                           3.755E-04
1.962E-04
                                                              6.279E-07
9.908E-07
                                                                                                                    3.168E-07
         602
                         5.566E-06
                                                                                                  8.104E-06
                                                                                                  1.217E-05
                                                                                                                    5.204E-07
                                                                                                                                       1.195E-04
                                                                                                                                                         7.490E-06
         603
                         8.010E-06
                         9.325E-06
                                            2.831E-04
                                                              1.155E-06
                                                                                1.539E-05
                                                                                                  1.419E-05
                                                                                                                    6.072E-07
                                                                                                                                       1.402E-04
                                                                                                                                                         8.717E-06
         604
                                                                                                                                       1.718E-04
                                                                                                                                                         1.053E-05
                                                                                1.864E-05
2.278E-05
                                                                                                  1.718E-05
2.098E-05
                                                                                                                    7.370E-07
         605
                         1.127E-05
                                            4.055E-04
                                                              1.401E-06
                                                                                                                    9.021E-07
                                                                                                                                       2.123E-04
                                                                                                                                                         1.283E-05
                                           5.447E-04
6.747E-04
                                                              1.712E-06
         606
                         1.373E-05
                                                              2.141E-06
                                                                                2.844E-05
                                                                                                  2.620E-05
                                                                                                                    1.131E-06
                                                                                                                                       2.716E-04
                                                                                                                                                         1 593E-05
                         1.706E-05
         607
                                                                                                                                                         2.088E-05
                         2.237E-05
                                            8.511E-04
                                                              2.807E-06
                                                                                3.725E-05
                                                                                                  3-431E-05
                                                                                                                    1.483E-06
                                                                                                                                      3-561E-04
```

1.123E-04 9.161E-05 7.364E-05

5.637E-05

4.345E-05 3.457E-05

1.039E-04 8.475E-05

6.813E-05

5 216E-05

4.020E-05

3.198E-05

4.047E-06 3.310E-06

2.657E-06

2 030E-06

1.568E-06

1.252E-06 9.977E-07

2.172E-03 2.293E-03 2.219E-03

1.913E-03

1.513E-03 1.188E-03

9.832E-04

7.141E-05

5.814E-05

4.677E-05 3.583E-05

2.760E-05 2.193E-05

516 517

518

519

520

521

522

8.031E-06 6.560E-06 5.269E-06

4.030E-06

3 109E-06

2.479E-06

1.978E-06

6.287E-04 5.233E-04 4.170E-04

3.156E-04

2.457E-04

1.998E-04

1.570E-04

6.737E-05 5.483E-05 4.411E-05 3.380E-05

2.603E-05

2.060E 05

1.655E-05

```
3.023E-05
7.899E-05
                                                                                                                                     4.807E-04
                                           1.225E-03
4.413E-03
2.595E-03
                                                            3.996E-06
9.294E-06
                                                                               5.333E-05
1.316E-04
                                                                                                 4,916E-05
                                                                                                                  2.098E-06
        609
                                                                                                                                     6.757E-04
3.439E-04
                                                                                                 1.218E-04
6.302E-05
                                                                                                                  4.656E-06
2.416E-06
                         8.365E-05
         610
                                                                                                                                                       4.118E-05
                                                                               6.806E-05
4.712E-05
                         4.360E-05
                                                             4.830E-06
        611
                                                             3.354E-06
2.582E-06
                                                                                                 4.362E-05
                                                                                                                   1.682E-06
                                                                                                                                     2.458E-04
                                                                                                                                                       2.847E-05
                                           1.712E-03
1.261E-03
        612
                         3.015E-05
                                                                                                                                                       2.181E-05
                                                                                                                                     1.940E-04
                                                                                                 3.349E-05
                                                                                                                  1.297E-06
1.036E-06
                         2.311E-05
                                                                               2.883E-05
                                                                                                 2.668E-05
                                           1.049E-03
                                                             2.060E-06
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                    11/07/95 09:41:42
                                                                                                                                                                                   Page -
                                                                                                                                                                                                240
Input File: g:\ace\GQ91\GQPACE.DAT
                                                            1.682E-06
1.414E-06
1.213E-06
1.065E-06
                                                                               2.353E-05
                                                                                                                   8.460E-07
                                                                                                 2.177E-05
1.831E-05
                         1.500E-05
                                                                               1.978E-05
1.698E-05
                                                                                                                   7.115E-07
                                                                                                                                     1.088E-04
                                                                                                                                                      1.190E-05
                         1.261E-05
                                           8.251E-04
         616
                                                                                                                                                       1.022E-05
                                                                                                 1.571E-05
1.379E-05
1.231E-05
                                                                                                                   6.104E-07
5.355E-07
4.780E-07
                                           7.428E-04
6.637E-04
                                                                                                                                     9.303E-05
8.144E-05
                         1.083E-05
         617
                                                                                                                                                       8.967E-06
                                                                               1.490E-05
1.331E-05
                         9.502E-06
         618
                                                                                                                                                       8.007E-06
7.249E-06
                                                                                                                                     7.262E-05
                                                             9.504E-07
8.605E-07
                         8.485E-06
                                           5.843E-04
5.085E-04
         619
                                                                                                                                     6.577E-05
6.028E-05
                                                                               1.205E-05
                                                                                                 1.115E-05
                                                                                                                   4.328E-07
                         7.681E-06
7.029E-06
         620
                                                                                                                   3.961E-07
                                                                                                                                                       6.633E-06
                                                                               1.102E-05
1.016E-05
9.445E-06
                                                                                                 1.020E-05
9.400E-06
                                           4.402E-04
                                                             7.875E-07
7.257E-07
         621
                                                                                                                                     5.559E-05
5.190E-05
                                                                                                                                                       6.111E-06
5.680E-06
                                                                                                                   3.650E-07
                                           3.809E-04
         622
                                           3.304E-04
2.881E-04
                                                                                                 8.740E-06
8.369E-06
                                                                                                                   3.396E-07
3.267E-07
                                                             6.749E-07
                         6.019E-06
5.750E-06
                                                                               9.045E-06
                                                                                                                                     5.126E-05
                                                                                                                                                       5.423E-06
                                                             6.478E-07
         624
                                                                               1.184E-05
1.312E-05
                                                                                                                   4.692E-07
5.191E-07
5.808E-07
                                                                                                                                                       6.642E-06
7.364E-06
8.288E-06
                                                                                                 1.091E-05
                                                                                                                                     1.115E-04
                          7.111E-06
                                           1.618E-04
                                                             8.893E-07
         625
                                                                                                                                     1.228E-04
                                                                                                 1.209E-05
                                           1.836E-04
2.199E-04
                                                             9.845E-07
                         7.883E-06
                                                                                                 1.357E-05
1.587E-05
                                                                                                                                     1.358E-04
                                                             1.103E-06
                                                                               1.473E-05
1.722E-05
                         8.869E-06
                                           2.199E-04
2.913E-04
4.443E-04
7.153E-04
1.153E-03
2.024E-03
                                                                                                                   6.765E-07
                                                                                                                                     1.555E-04
                                                                                                                                                       9.734E-06
                                                             1.288E-06
                         1.041E-05
         628
                                                                               2.143E-05
2.880E-05
4.165E-05
6.880E-05
                                                                                                                                                       1.215E-05
                                                                                                                                     1.912E-04
2.561E-04
3.688E-04
                                                                                                                   8.406E-07
1.130E-06
                                                                                                 1.975E-05
                         1.300E-05
1.751E-05
2.534E-05
4.188E-05
                                                             1.602E-06
         629
                                                                                                                                                       1.638E-05
                                                                                                 2.655E-05
3.839E-05
                                                             2.156E-06
3.117E-06
5.144E-06
         630
                                                                                                                                                       2.371E-05
3.919E-05
                                                                                                                   1.634E-06
         631
                                                                                                                                     6.055E-04
                                                                                                 6.343E-05
7.934E-05
                                                                                                                   2.694E-06
3.002E-06
         632
                                                                                                                                     3.940E-04
                                                                                                                                                        5.218E-05
                                                             6.037E-06
3.746E-06
2.779E-06
                                                                               8.565E-05
5.288E-05
                                           3.544E-03
                          5.518E-05
         633
                                           2.323E-03
1.766E-03
                                                                                                  4.896E-05
                                                                                                                   1.871E-06
                                                                                                                                     2.597E-04
                                                                                                                                                       3.208E-05
                          3.395E-05
         634
                                                                                                                                                       2.367E-05
                                                                                                                                     1.992E-04
                                                                                                 3.622E-05
2.851E-05
                                                                                                                   1.391E-06
1.100E-06
                                                                                3.912E-05
         635
                         2.506E-05
1.969E-05
                                                                                                                                     1.616E-04
                                                                                                                                                       1.859E-05
                                                             2.193E-06
                                                                               3.080E-05
2.529E-05
                                           1.391E-03
         636
                                                                                                                                                       1.525E-05
1.296E-05
                                           1.109E-03
8.872E-04
                                                                                                 2.340E-05
                                                                                                                   9.057E-07
                                                                                                                                     1.352E-04
                          1.615E-05
                                                             1.804E-06
1.536E-06
         637
                                                                                                 1.991E-05
1.725E-05
1.513E-05
                                                                                2.152E-05
                                                                                                                   7.717E-07
                                                                                                                                     1.160E-04
                         1.374E-05
1.189E-05
         638
                                                                                                                   6.696E-07
5.885E-07
                                                                                                                                      1.016E-04
                                                                                                                                                       1.122E-05
9.832E-06
                                           7.137E-04
                                                             1.332E-06
                                                                                1.864E-05
         639
                                           5.828E-04
4.854E-04
4.135E-04
3.609E-04
3.221E-04
                                                                                1.635E-05
                                                                                                                                     9.028E-05
         640
                          1.042E-05
                                                             1.169E-06
                                                             1.169E-06
1.040E-06
9.361E-07
8.492E-07
7.764E-07
7.137E-07
                                                                                                                                                       8.726E-06
                                                                                1.452E-05
1.307E-05
1.184E-05
                                                                                                 1.344E-05
1.209E-05
                                                                                                                   5.237E-07
4.719E-07
                                                                                                                                     8.112E-05
7.379E-05
                         9.250E-06
8.314E-06
7.531E-06
                                                                                                                                                       7.842E-06
         642
                                                                                                                                                       7.103E-06
6.485E-06
                                                                                                                                     6.750E-05
6.219E-05
                                                                                                  1.096E-05
                                                                                                                    4.284E-07
                                                                                                                   3.919E-07
3.604E-07
                                                                                1.082E-05
                                                                                                  1.001E-05
                          6.877E-06
                                                                                                 9.198E-06
8.528E-06
                                                                                                                                      5.748E-05
                                                                                                                                                        5.955E-06
                          6.316E-06
5.853E-06
                                                                               9.943E-06
9.219E-06
                                           2.927E-04
         645
                                                             6.622E-07
6.156E-07
                                                                                                                                     5.370E-05
5.009E-05
                                                                                                                                                       5.518E-06
5.126E-06
                                                                                                                   3.346E-07
                                           2.696E-04
2.507E-04
1.986E-04
                                                                                                                   3.111E-07
3.836E-07
                          5.437E-06
5.845E-06
                                                                                8.568E-06
9.722E-06
                                                                                                 7.925E-06
8.959E-06
         647
                                                                                                                                      9.008E-05
                                                                                                                                                        5.462E-06
                                                             7.282E-07
         648
                                                                                                                                                       6.122E-06
6.968E-06
                                           2.311E-04
2.730E-04
                                                             8.132E-07
9.211E-07
                                                                                1.088E-05
                                                                                                  1.003E-05
                                                                                                                   4.278E-07
                                                                                                                                     9.945E-05
1.109E-04
                          6.550E-06
                                                                                                                   4.837E-07
                                                                                1.236E-05
                                                                                                 1.139E-05
1.321E-05
                          7.452E-06
         650
                                                                                                                   5.586E-07
                                                                                                                                      1.260E-04
                                                                                                                                                        8.112E-06
                                                             1.066E-06
1.287E-06
                                                                                1.433E-05
1.732E-05
                          8.671E-06
                                           3.288E-04
         651
                                                                                                                                                       9.847E-06
                                                                                                                                     1.494E-04
1.824E-04
                                                                                                  1.597E-05
                                                                                                                    6.731E-07
                          1.052E-05
                                           4.061E-04
5.215E-04
                                                                                                                                                       1.229E-05
                                                                                                                   8.345E-07
1.110E-06
                                                                                                  1.984E-05
2.641E-05
                                                              1.599E-06
                                                                                2.151E-05
                          1.313E-05
         653
                                                                                                                                      2.397E-04
                                                                                                                                                        1.644E-05
2.521E-05
                                           7.308E-04
                                                             2.130E-06
3.236E-06
                                                                                2.863E 05
4.364E-05
                                                                                                                                     3.521E-04
1.019E-03
                                                                                                  4.027E-05
                                                                                                                   1.681E-06
                                           1.319E-03
                          2.690E-05
                                                                                                                                                       1.070E-04
                         1.134E-04
7.350E-05
                                                                                                                   6.453E-06
4.015E-06
                                           1.851E-02
                                                              1.279E-05
                                                                                1.788E-04
                                                                                                  1.654E-04
         656
                                                                                                                                                        6.949E-05
4.137E-05
2.739E-05
                                                                                1.142E-04
6.795E-05
                                                                                                                                      5.371E-04
                                                                                                  1.058E-04
                                                             8.064E-06
4.796E-06
         657
                                           5.488E-03
                                                                                                                                     3.171E-04
2.214E-04
                          4.376E-05
                                                                                                  6.294E-05
                                                                                                                   2.387E-06
                                           3.161E-03
2.080E-03
                          2.899E-05
                                                              3.198E-06
                                                                                4.514E-05
3.329E-05
                                                                                                  4.180E-05
                                                                                                                   1.597E-06
          659
                                                                                                  3.082E-05
                                                                                                                    1.188E-06
                                                                                                                                      1.736E-04
                                                                                                                                                        2.011E-05
                          2.130E-05
                                            1.494E-03
                                                              2.370E-06
          660
                                                                                                                                                        1.581E-05
                                                                                                                    9.430E-07
7.798E-07
                                                                                                                                      1.427E-04
1.202E-04
                                                                                2.626E-05
                                                                                                  2.431E-05
                                                              1.876E-06
                                            1.159E-03
                          1.676E-05
          661
                                                                                                                                                        1.301E-05
                                            9.510E-04
8.061E-04
                                                              1.549E-06
                                                                                2.164E-05
                                                                                                  2.003E-05
                          1.379E-05
          662
                                                                                                  1.709E-05
                                                                                                                                      1.046E-04
                                                                                                                                                        1.109E-05
                                                                                                                    6.676E-07
                                                             1.324E-06
1.227E-06
                                                                                1.848E-05
1.702E-05
          663
                                                                                                                    6.224E-07
                                                                                                  1.574E-05
                                                                                                                                      1.043E-04
                                                                                                                                                        1.013E-05
8.716E-06
                                            6.985E-04
                          1.075E-05
                                                                                                                                      8.785E-05
7.320E-05
                                                                                                  1.351E-05
1.164E-05
                                                                                                                    5.328E-07
                          9.249E-06
7.987E-06
                                                              1.052E-06
                                                                                1.461E-05
                                            6.132E-04
          665
                                                                                                                    4.565E-07
                                                                                                                                                        7.531E-06
                                            5.444E-04
                                                              9 036E-07
                                                                                1.258E-05
         666
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 241
                                                                                                                    4.114E-07
3.737E-07
3.422E-07
                                                                                                                                    6.630E-05
6.070E-05
                                                                                                                                                        6.776E-06
                                                             8.139E-07
7.387E-07
                                                                                                  1.048E-05
                                                                                1.133E-05
                                            4.881E-04
                          7.187E-06
                                                                                                  9.500E-06
8.687E-06
                                                                                1.027E-05
9.393E-06
8.665E-06
                                                                                                                                                        6.140E-06
                                            4.414E-04
                          6.513E-06
         668
                                                                                                                                      5.600E-05
                                                                                                                                                        5.610E-06
                                            4.022E-04
                          5.952E-06
                                                              6.760E-07
          669
                                                              6.241E-07
5.800E-07
                                                                                                  8.014E-06
7.444E-06
6.948E-06
                                                                                                                                                        5.172E-06
                                            3.688E-04
3.399E-04
                                                                                                                    3.160E-07
                                                                                                                                      5.203E-05
                          5.488E-06
5.096E-06
4.754E-06
          670
                                                                                                                                      4.861E-05
                                                                                                                                                        4.802E-06
                                                                                                                   2.938E-07
2.745E-07
                                                                                8.049E-06
          671
                                                                                                                                      4.562E-05
                                                                                                                                                        4.480E-06
                                            3.146E-04
                                                              5.416E-07
                                                                                7.513E-06
          672
                                                                                                                    3.385E-07
3.782E-07
4.286E-07
                                                              6.450E-07
7.207E-07
                                                                                                                                     7.730E-05
8.623E-05
                                                                                                                                                        4.886E-06
5.463E-06
                                                                                8.641E-06
                                                                                                  7.965E-06
                                           1.484E-04
1.709E-04
                          5.225E-06
                                                                                                  8.917E-06
1.016E-05
                                                                                9.672E-06
          674
675
                          5.841E-06
                                                                                                                                      9.647E-05
                                                                                                                                                        6.231E-06
                          6.660E-06
7.840E-06
                                                                                1.102E-05
                                            2.028E-04
                                                              8.183E-07
                                                              9.545E-07
1.143E-06
                                                                                1.289E-05
                                                                                                                                                        7.342E-06
                                                                                                  1.189E-05
                                                                                                                    4.981E-07
                                                                                                                                      1.087E-04
                                            2.461E-04
3.027E-04
                                                                                                                                     1.270E-04
1.658E-04
                          9.445E-06
1.193E-05
                                                                                                                    5.946E-07
7.583E-07
                                                                                                                                                        8.851E-06
                                                                                                  1.423E-05
1.798E-05
                                                                                1.543E-05
          677
                                                                                                                                                        1.117E-05
1.504E-05
                                                              1.453E-06
1.951E-06
2.638E-06
                                                                                1.950E-05
2.625E-05
                                            3.775E-04
          678
                                                                                                   2.421E-05
                                                                                                                    1.017E-06
                                                                                                                                      2.204E-04
2.867E-04
                          1.606E-05
2.193E-05
                                            5.268E-04
8.758E-04
                                                                                                                                                        2.056E-05
                                                                                3.561E-05
                                                                                                  3.286E-05
                                                                                                                    1.369E-06
2.594E-06
          680
                                                                                                                                      5.245E-04
                                                                                                                                                        3.950E-05
                          4.209E-05
                                                                                                  6.271E-05
                                            1.778E-03
                                                              5.016E-06
                                                                                6.794E-05
          681
                                                                                                                    5.059E-06
5.296E-06
4.783E-06
                                                                                                                                                        7.307E-05
7.684E-05
                                                                                                  1.181E-04
                                                                                                                                      1.153E-03
                                            9.863E-03
1.671E-02
1.758E-02
                                                              9.641E-06
1.011E-05
9.337E-06
                                                                                 1.281E-04
                          7.813E-05
                                                                                                                                     1.196E-03
8.872E-04
                                                                                1.346E-04
                                                                                                  1.241E-04
                          8.214E-05
8.004E-05
          683
                                                                                                                                                        7.525E-05
                                                                                                  1.182E-04
                                                                                 1.280E-04
          684
                                                                                                                    2.957E-06
2.069E-06
                                                                                                                                                        4.999E-05
3.522E-05
                                                                                                  7.663E-05
                                                                                                                                      4.340E-04
                                                                                 8,279E-05
                                            3.654E-03
                          5.295E-05
                                                              5.896E-06
                                            2.190E-03
1.546E-03
                                                                                                                                     2.957E-04
2.143E-04
                                                              4.134E-06
                                                                                 5.820E-05
                                                                                                   5.388E-05
                          3.729E-05
2.686E-05
          686
687
                                                                                                                    1.492E-06
                                                                                                                                                        2.537E-05
                                                              2.980E-06
                                                                                 4.194E-05
                                                                                                   3.882E-05
                                                                                                                    1.118E-06
8.785E-07
                                                              2.233E-06
1.751E-06
                                                                                                   2.907E-05
                                                                                                                                      1.616E-04
                                                                                                                                                        1.898E-05
                                                                                3.140E-05
                          2.010E-05
                                            1.156E-03
                                                                                                                                                        1.484E-05
1.232E-05
                                                                                 2.458E-05
                                                                                                   2.276E-05
                                                                                                                                      1.294E-04
1.098E-04
                          1.572E-05
1.306E-05
1.111E-05
                                            9.175E-04
7.627E-04
          689
                                                               1.459E-06
                                                                                 2.045E-05
                                                                                                   1.892E-05
                                                                                                                    7.328E-07
          690
                                                                                1.742E-05
1.509E-05
                                                                                                  1.612E-05
                                                                                                                                      9.475E-05
                                                                                                                                                        1.049E-05
                                            6.560E-04
5.773E-04
5.157E-04
                                                              1.244E-06
1.079E-06
                                                                                                                                                        9.076E-06
                                                                                                   1.396E-05
                                                                                                                     5.428E-07
                                                                                                                                      8,303E-05
          692
                          9.618E-06
                                                                                                                                      7.464E-05
                                                                                                                                                         8.077E-06
                          8.562E-06
                                                               9.615E-07
                                                                                 1.344E-05
                                                                                                   1.244E-05
                                                                                                                     4.842E-07
          693
                                                                                                                     4.318E-07
                                                                                                                                      6.709E-05
                                                                                                                                                         7.188E-06
                                            4.650E-04
4.221E-04
3.857E-04
                                                                                 1.197E-05
1.072E-05
9.730E-06
                                                                                                  1.108E-05
          694
                          7.619E-06
                                                               8.569E-07
                                                              7.683E-07
6.976E-07
                                                                                                                                      6.062E-05
5.548E-05
                                                                                                                                                        6.435E-06
5.834E-06
                                                                                                   9.922E-06
                                                                                                                     3.873E-07
                          6.822E-06
6.186E-06
5.640E-06
          695
                                                                                                                    3.519E-07
3.215E-07
                                                                                                   9.002E-06
          696
                                                                                                                                      5.106E-05
                                                                                                                                                        5.319E-06
                                                                                                   8 213E-06
                                            3.544E-04
                                                               6.369E-07
                                                                                 8.878E-06
```

```
2.949E-07
                                                                                                                                           4.731E-05
                                                              5.837E-07
5.377E-07
5.520E-07
                                                                                  8.128E-06
                                                                                                     7.518E-06
                                             3.271E-04
         698
                          5.159E-06
                                            3.031E-04
2.823E-04
                                                                                                     6.916E-06
7.044E-06
7.988E-06
                                                                                                                                           4.421E-05
4.973E-05
7.475E-05
                                                                                   7.477E-06
                                                                                                                        2.720E-07
2.814E-07
                                                                                                                                                             4.468E-06
4.503E-06
         699
                          4.740E-06
                                                                                  7.621E-06
                          4.784E-06
         700
                                                                                                                                                              4.940E-06
5.677E-06
                                             1.383E-04
1.530E-04
                                                               6.455E-07
7.396E-07
                                                                                   8.663E-06
                          5.278E-06
          701
                                                                                                                                           8 481E-05
                                                                                   9.930E-06
                                                                                                     9.157E-06
                                                                                                                        3.862E-07
         702
703
                          6.063E-06
7.096E-06
                                                                                                                        4,561E-07
5.306E-07
                                                                                                                                           1.023E-04
                                                                                                                                                              6.640E
                                                                                                                                                                         06
                                             1.686E-04
                                                               8.711E-07
1.011E-06
                                                                                  1.16/E-05
1.359E-05
                                                                                                     1.076E-05
1.253E-05
                                                                                                                                           1.209E-04
1.380E-04
                                                                                                                                                              7.668E-06
8.911E-06
                                            1.995E-04
2.606E-04
                          8.199E-06
9.524E-06
         704
                                                                                                                        6.131E-07
7.180E-07
                                                                                                     1.451E-05
1.700E-05
2.027E-05
                                                                1.170E-06
                                                                                   1.573E-05
         705
                                             3.754E-04
5.581E-04
8.176E-04
                                                               1.372E-06
1.626E-06
                                                                                  1.843E-05
2.197E-05
                                                                                                                                           1.600E-04
                                                                                                                                                              1.048E-05
                          1.120E-05
         706
                                                                                                                                           1.792E-04
2.457E-04
                          1.347E-05
1.952E-05
3.487E-05
                                                                                                                        8.454E-07
                                                                                                                                                              1.262E-05
                                                                                                     2.915E-05
5.232E-05
7.970E-05
                                                                                                                                                              1.831E-05
                                                                                                                        1.206E-06
2.197E-06
                                                               2.331E-06
                                                                                   3.158E-05
         708
                                                                                                                                                              3.268E-05
                                                                                                                                           4.699E-04
                                                               4.221E-06
6.472E-06
                                             1.431E-03
                                                                                   5.672E-05
         709
                                                                                                                                                              4.947E-05
5.673E-05
                                                                                   8.644E-05
                                                                                                                        3.385E-06
                                                                                                                                           7.529E-04
                                             3.843E-03
6.466E-03
7.317E-03
                          5.285E-05
                                                                                                                        3.796E-06
3.551E-06
2.501E-06
                          6.052E-05
5.892E-05
                                                                7.303E-06
                                                                                   9.833E-05
                                                                                                     9.072E-05
                                                                                                                                           8.028E-04
         711
                                                                                                     8.737E-05
                                                                                                                                           6.749E-04
                                                                                                                                                              5.537E-05
                                                               6.914E-06
4.934E-06
                                                                                  9.459E-05
6.842E-05
          712
                                                                                                     6.327E-05
                                                                                                                                            4.166E-04
                          4.329E-05
3.274E-05
2.484E-05
                                             3.124E-03
                                                                                                                                                              3.088E-05
                                                               3.683E-06
2.786E-06
2.203E-06
                                                                                                     4.758E-05
3.606E-05
2.867E-05
                                                                                                                                           2.886E-04
                                             1.940E-03
                                                                                   5.143E-05
                                                                                                                         1.856E-06
          714
                                                                                  3.897E-05
3.097E-05
2.402E-05
                                                                                                                        1.402E-06
1.105E-06
8.573E-07
                                                                                                                                           2.145E-04
                                                                                                                                                              2.344E-05
                                            1.340E-03
1.055E-03
          715
                                                                                                                                           1.615E-04
1.256E-04
                                                                                                                                                              1.870E-05
1.450E-05
                          1.980E-05
1.536E-05
                                             8.636E-04
                                                                1.710E-06
                                                                                                     2.223E-05
         717
                                                                                                     1.823E-05
                                                                                                                         7.067E-07
                                                                                                                                           1.066E-04
                                                                                                                                                              1.186E-05
                                                                                  1.970E-05
                          1.257E-05
                                             7.182E-04
                                                                1.406E-06
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                          11/07/95 09:41:42
                                                                                                                                                                                            Page - 242
                                                                                                                        5.917E-07
5.166E-07
4.608E-07
                                                                                                                                           9.035E-05
                                                                                   1.645E-05
                                                                                                     1.523E-05
1.325E-05
                                                                                  1.432E-05
1.274E-05
                                                                                                                                                             8.598E-06
7.639E-06
                                                                                                                                           8.028E-05
                                             4.886E-04
4.138E-04
3.571E-04
                          9.115E-06
8.100E-06
                                                               1.025E-06
9.133E-07
          720
                                                                                                                                           7.262E-05
                                                                                                     1.178E-05
         721
                                                                                   1.139E-05
                                                                                                                        4.127E-07
3.749E-07
                                                                                                                                                              6.825E-06
                                                                                                                                           6.561E-05
                                                                                                     1.054E-05
9.567E-06
                          7.238E-06
                                                                8.175E-07
          72.2
                                            3.151E-04
2.840E-04
2.606E-04
2.425E-04
2.277E-04
2.153E-04
                                                                                                                                            5.975E-05
                                                                                                                                                              6.194E-06
                                                               7.423E-07
6.844E-07
                                                                                   1.034E-05
          723
                          6.569E-06
                                                                                                                                           5.519E-05
5.078E-05
                                                                                                                                                              5.709E-06
5.276E-06
                                                                                   9.533E-06
                                                                                                     8.819E-06
                                                                                                                         3.456E-07
                          6.054E-06
5.595E-06
5.191E-06
          724
                                                                                                                        3.191E-07
2.959E-07
2.735E-07
2.530E-07
                                                                6.321E-07
                                                                                                     8.148E-06
7.559E-06
6.992E-06
                                                                                   8.808E-06
          725
                                                                                                                                                              4.895E-06
                                                                                   8.171E-06
7.558E-06
                                                                                                                                            4.696E-05
                                                                5.861E-07
5.420E-07
          726
                                                                                                                                           4.323E-05
3.996E-05
                                                                                                                                                             4.530E-06
4.191E-06
                          4.803E-06
4.444E-06
5.938E-06
          727
                                                                5.014E-07
7.353E-07
8.081E-07
                                                                                   6.993E-06
                                                                                                     6.470E-06
9.065E-06
          728
                                            1.061E-04
1.384E-04
1.882E-04
                                                                                   9.835E-06
                                                                                                                         3.864E-07
                                                                                                                                           8.909E-05
                                                                                                                                                             5.552E-06
                                                                                                                                           9.756E-05
1.059E-04
                                                                                                                                                             6.108E-06
6.647E-06
                          6.533E-06
7.109E-06
7.807E-06
8.364E-06
                                                                                   1.082E-05
                                                                                                     9.975E-06
                                                                                                                         4.245E-07
          730
                                                                                  1.178E-05
1.295E-05
1.388E-05
1.582E-05
                                                                                                                         4,616E-07
                                                                                                     1.086E-05
                                                                8.790E-07
9.674E-07
          731
                                                                                                                        5.084E-07
5.396E-07
                                                                                                      1.194E-05
                                                                                                                                           1.175E-04
1.222E-04
                                                                                                                                                              7.298E-06
7.825E-06
                                            2.463E-04
3.145E-04
                                                                1.030E-06
                                                                                                      1.280E-05
          733
                                                                                                                        6.110E-07
7.490E-07
                                            3.898E-04
4.774E-04
6.480E-04
1.196E-03
                                                                                                                                                              9.029E-06
                                                                                                      1.459E-05
                                                                                                                                            1.326E-04
                                                                1.172E-06
1.443E-06
2.287E-06
                          9.640E-06
                                                                                                                                                              1.126E-05
1.769E-05
2.854E-05
                                                                                                                                           1.564E-04
2.555E-04
                          1.200E-05
1.888E-05
                                                                                   1.955E-05
                                                                                                      1.804E-05
          735
                                                                                                                        1.191E-06
1.920E-06
                                                                                  3.076E-05
4.959E-05
                                                                                                     2.837E-05
4.574E-05
          736
                                                                                                                                            4.108E-04
                                                               3.688E-06
4.995E-06
5.456E-06
          737
                          3.046E-05
                                            2.560E-03
3.841E-03
                                                                                                                        2.606E-06
2.825E-06
2.823E-06
                                                                                                                                           5.670E-04
5.780E-04
5.628E-04
                                                                                                                                                              3.845E-05
4.281E-05
                                                                                   6.699E-05
                                                                                                      6.178E-05
                          4.106E-05
4.564E-05
          738
                                                                                   7.384E-05
7.423E-05
                                                                                                      6.815E-05
          739
                                                                                                      6.853E-05
                                            4.231E-03
2.491E-03
                                                                5.467E-06
4.246E-06
                                                                                                                                                              4.322E-05
                          4.604E-05
                          3.676E 05
3.423E-05
                                                                                   5.855E-05
                                                                                                      5.411E-05
                                                                                                                         2.166E-06
                                                                                                                                            3.845E-04
                                                                                                                                                              3.460E-05
          741
                                                                                                                                            3.895E-04
                                                                                                                                                              3.217E-05
                                             1.823E-03
                                                               4.011E-06
                                                                                   5.509E-05
                                                                                                      5.089E-05
                                                                                                                         2.059E-06
          742
                                                                                                                                                              2.322E-05
1.738E-05
                                                                2.829E-06
2.074E-06
1.721E-06
                                                                                                                         1.439E-06
1.045E-06
                                                                                                                                            2.478E-04
                          2.466E-05
                                             1.317E-03
                                                                                   3.914E-05
                                                                                                     3.619E-05
2.678E-05
          743
                                                                                   2.895E-05
                                                                                                                                            1.631E-04
                          1.842E-05
1.533E-05
                                            9.738E-04
7.438E-04
          744
                                                                                                                        8.662E-07
6.983E-07
5.856E-07
5.063E-07
4.419E-07
                                                                                                                                                             1.446E-05
                                                                                                                                           1.332E-04
1.029E-04
                                                                                   2.406E-05
                                                                                                      2.226E-05
          745
                                                                                                                                                              1.179E-05
                          1.249E-05
                                             6.206E-04
                                                                1.392E-06
                                                                                   1.955E-05
                                                                                                      1.809E-05
          746
                                                                1.167E-06
1.006E-06
                                                                                                      1.518E-05
                                                                                                                                           8.627E-05
7.730E-05
6.986E-05
                                                                                                                                                              9.892E-06
                          1.048E-05
8.975E-06
                                                                                   1.640E-05
                                             5.529E-04
5.065E-04
          747
                                                                                                      1.303E-05
                                                                                                                                                              8.469E-06
                                                                                   1.408E-05
          748
                                                                                                                                                              7.319E-06
                                                                                                      1.130E-05
                          7.761E-06
                                             4.525E-04
                                                                8.756E-07
                                                                                   1.221E-05
                                                                7.814E-07
7.096E-07
                                                                                   1.088E-05
9.877E-06
                                                                                                                         3.947E-07
3.587E-07
3.277E-07
                                                                                                                                           6.307E-05
5.774E-05
5.336E-05
                                            3.961E-04
3.473E-04
3.066E-04
                                                                                                      1.007E-05
                                                                                                                                                              6.517E-06
                          6.911E-06
          750
                          6.268E-06
5.708E-06
                                                                                                                                                              5.909E-06
                                                                                                     9.136E-06
8.327E-06
          7.51
                                                                                                                                                              5.381E-06
                                                                6.477E-07
5.987E-07
                                                                                   9.003E-06
                                            2.713E-04
2.407E-04
2.154E-04
1.940E-04
1.508E-04
                                                                                   8.313E-06
                                                                                                      7.688E-06
                                                                                                                         3.032E-07
                                                                                                                                            4.986E-05
                                                                                                                                                              4.963E-06
          753
                          5.266E-06
                                                                5.638E-07
5.714E-07
5.042E-07
7.386E-07
                                                                                   7.822E-06
7.898E-06
7.001E-06
                                                                                                                         2.857E-07
2.909E-07
2.554E-07
                                                                                                     7.234E-06
7.301E-06
                                                                                                                                           4.740E-05
5.069E-05
                                                                                                                                                              4.665E-06
                           4.951E-06
          754
                                                                                                                                                              4.676E-06
                          4.967E-06
4.433E-06
5.950E-06
          755
                                                                                                      6.474E-06
9.083E-06
                                                                                                                                            4.211E-05
                                                                                                                                                              4.177E-06
          756
                                                                                                                                            9.023E-05
                                                                                                                                                              5.562E-06
                                                                                   9.856E-06
                                                                                                                         3.885E-07
          757
                                                                                                                         4.141E-07
4.177E-07
                                                                                                                                            9.627E-05
9.704E-05
                                                                                                                                                              5.925E-06
                                                                7.871E-07
7.941E-07
8.252E-07
                                                                                   1.050E-05
1.064E-05
                                                                                                      9.681E-06
9.807E-06
                          6.339E-06
          758
                                                                                                                                                               5.980E-06
                                            2.052E-04
2.407E-04
2.788E-04
                           6.397E-06
                                                                                                      1.021E-05
                                                                                                                         4.330E-07
4.764E-07
5.493E-07
                          6.687E-06
7.424E-06
                                                                                                                                           9.880E-05
1.065E-04
                                                                                    1.108E-05
                                                                                                                                                              6.254E-06
          760
                                                                                                                                                              6.947E-06
                                                                9.103E-07
                                                                                   1.226E-05
                                                                                                      1.131E-05
          761
                                                                                                                                            1.176E-04
1.718E-04
2.440E-04
                                                                                                                                                              8.168E-06
                                                                                                      1.319E-05
                                                                                   1.430E-05
                           8.717E-06
                                             3.209E-04
3.662E-04
                                                                1.055E-06
1.544E-06
          762
                                                                                   2.080E-05
                                                                                                      1.919E-05
                                                                                                                         8.034E-07
                                                                                                                                                              1.195E-05
          763
                          1.275E-05
                                                                                                                                                               1.674E-05
                                                                                                                         1.130E-06
1.690E-06
                           1.787E-05
                                              5.777E-04
                                                                2.169E-06
                                                                                   2.923E-05
                                                                                                      2.696E-05
          764
                                                                                   4.360E-05
5.564E-05
                                                                                                      4.022E-05
                                                                                                                                            3.635E-04
                                                                                                                                                               2.507E-05
                                                                3.244E-06
                           2.676E-05
                                             1.018E-03
                                                                                                      5.132E-05
                                                                                                                         2.159E-06
                                                                                                                                            4.671E-04
                                                                                                                                                               3.195E-05
                                                                4.143E-06
                                             1.871E-03
          766
                          3.411E-05
                                             2.487E-03
2.785E-03
                                                                                   5.900E-05
5.881E-05
5.564E-05
                                                                                                      5.446E-05
5.429E-05
5.139E-05
                                                                                                                                            4.567E-04
4.403E-04
                                                                                                                                                              3.423E-05
                           3.649E-05
                                                                4.352E-06
                                                                                                                         2.251E-06
          767
                                                                                                                                                              3.430E-05
3.260E-05
                                                                4.326E-06
4.065E-06
                                                                                                                         2.231E-06
                           3.653E-05
          768
                                                                                                                         2.087E-06
                                                                                                                                            3.945E-04
                          3.469E-05
3.238E-05
                                             2.417E-03
          769
                                             1.993E-03
                                                                3.788E-06
                                                                                   5.197E-05
                                                                                                      4.801E-05
                                                                                                                         1.943E-06
                                                                                                                                            3.649E-04
                                                                                                                                                              3.044E-05
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 243
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                           3.922E-04
2.174E-04
1.716E-04
                                                                                   5.151E-05
3.397E-05
2.765E-05
2.324E-05
1.962E-05
                                                                                                      4.755E-05
3.140E-05
                                                                                                                                                              2.978E-05
                                                                3.775E-06
2.460E-06
                                             1.544E-03
1.242E-03
                          3.173E-05
                                                                                                                         1.252E-06
1.014E-06
8.435E-07
7.079E-07
                          2.140E-05
1.747E-05
                                                                                                                                                              2.015E-05
          772
773
                                                                                                                                                              1.646E-05
                                                                                                      2.557E-05
                                                                1.998E-06
                                              9.747E-04
                                                                                                                                            1.353E-04
                                                                                                                                                               1.391E-05
                                                                1.669E-06
1.405E-06
                                                                                                      2.150E-05
                           1.475E-05
                                             7.709E-04
                                                                                                                                           1.102E-04
9.276E-05
7.748E-05
                                                                                                                                                               1.178E-05
9.942E-06
8.478E-06
                                             6.224E-04
5.030E-04
                                                                                                      1.815E-05
                           1.249E-05
          775
                                                                                                      1.532E-05
                                                                                                                         5.972E-07
5.069E-07
                           1.054E-05
                                                                1.185E-06
                                                                                   1.656E-05
          776
                                                                                                      1.305E-05
                                             4.137E-04
3.714E-04
                                                                1.007E-06
8.785E-07
                                                                                   1 410E-05
                           8.985E-06
                                                                                                                                            6.631E-05
6.006E-05
                                                                                                                                                               7.417E-06
6.502E-06
                                                                                   1.232E-05
                                                                                                       1.140E-05
                                                                                                                         4.414E-07
          778
                           7.858E-06
                                                                                   1.082E-05
9.654E-06
8.794E-06
                                                                                                      1.002E-05
8.931E-06
                                                                                                                         3.897E-07
                           6.891E-06
                                              3.584E-04
                                                                7.739E-07
          779
                                                                                                                                                               5.780E-06
                                                                                                                         3.498E-07
                                                                                                                                            5.575E-05
                                                                6.927E-07
6.327E-07
          780
                           6.130E-06
                                             3.427E-04
3.162E-04
                           5.572E-06
                                                                                                       8.133E-06
                                                                                                                         3.202E-07
                                                                                                                                            5.236E-05
4.850E-05
                                                                                                                                                               5.252E-06
          781
                                                                                                                                                               4.794E-06
4.458E-06
                                                                                    8.037E-06
                           5.088E-06
                                              2.866E-04
                                                                 5.790E-07
                                                                                                      7.432E-06
6.926E-06
                                                                                                                         2.933E 07
2.743E-07
          782
                                                                                                                                            4.619E-05
                                             2.601E-04
2.386E-04
2.177E-04
                                                                5.406E-07
5.869E-07
                           4.733E-06
                                                                                    7.490E-06
          783
                                                                                                                                                               4.720E-06
3.872E-06
                                                                                    8.063E-06
                                                                                                       7.449E-06
                                                                                                                         3.009E-07
                                                                                                                                            5.635E-05
          784
785
                          5.020E-06
4.110E-06
                                                                                                                         2.386E-07
                                                                                                                                            4.038E-05
                                                                4.700E-07
                                                                                    6.507E-06
                                                                                                       6.016E-06
```

8.393E-06

9.109E-06

5.481E-06

1.456E-04

6.829E-07

8.454E-05

3.598E-07

5.121E-06

6.793E-07 6.731E-07 7.541E-07 8.396E-07 3.569E-07 8.220E-05 5.131E-06 5.488E-06 9.101E-06 8.389E-06 1.690E-04 1.923E-04 2.112E-04 8.311E-06 9.318E-06 8.127E-05 9.054E-05 5.087E-06 5.710E-06 3.535E-07 3.958E-07 9.016E-06 5.441E-06 6.106E-06 788 1.011E-05 789 1.136E-05 1.048E-05 4.383E-07 9.602E-05 6.451E-06 2.351E-04 2.536E-04 3.602E-04 790 6.890E-06 1.126E-06 1.526E-06 2.086E-06 2.949E-06 1.270E-04 1.791E-04 8.684E 06 9 271E-06 1 244E-05 1.516E-05 1.398E-05 1.887E-05 5.869E-07 7.992E-07 791 792 2.047E-05 1.609E-05 2.267E-05 2.808E-05 2.590E-05 1.087E-06 2.354E-04 5.456E-04 9.347E-04 1.717E-05 2.421E-05 793 3.360E-04 3.955E-05 4.702E-05 3.648E-05 1.539E-06 794 2.421E-05 2.883E-05 3.008E-05 2.969E-05 2.859E-05 4.337E-05 1.821E-06 2.701E-05 795 1.460E-03 1.834E-03 3.496E-06 3.589E-06 2,822E-05 2,788E-05 2,685E-05 4.866E-05 4.491E-05 1.857E-06 3.773E-04 796 797 1.810E-06 1.733E-06 3.551E-04 4.779E-05 4.594E-05 4.412E-05 4.242E-05 2.019E-03 3.512E-06 3,351E-04 1.832E-03 3.368E-06 3.186E-06 2.827E-06 4.367E-05 3.879E-05 3.222E-05 1.590E-03 1.271E-03 4.034E-05 1.634E-06 3.068E-04 2.560E-05 2.278E-05 2.723E-05 2.423E-05 799 2.688E-04 2.178E-04 3.584E-05 2.977E-05 1.448E-06 1.199E-06 800 1.899E-05 1.568E-05 2.344E-06 1.928E-06 2.019E-05 1.077E-03 801 2.452E-05 2.063E-05 1.791E-05 1.531E-05 1.316E-05 1.667E-05 1.408E-05 9.197E-04 7.567E-04 2.653E-05 9.840E-07 1.759E-04 802 8.208E-07 7.080E-07 1.410E-04 1.326E-05 1.614E-06 1.397E-06 2.231E-05 1.937E-05 803 1.179E-04 9.496E-05 1.155E-05 9.915E-06 8.537E-06 1.225E-05 1.051E-05 9.051E-06 6.201E-04 804 1.187E-06 1.019E-06 5.990E-07 5.134E-07 5.241E-04 1.655E-05 805 1.423E-05 1.230E-05 8.010E-05 806 4.508E-04 7.370E-06 6.580E-06 5.839E-06 8.815E-07 7.857E-07 4.447E-07 7.021E-05 3.806E-04 7.815E-06 807 1.097E-05 1.015E-05 3.961E-07 3.501E-07 6.203E-05 6.976E-06 3.089E-04 808 5.405E-05 6 189E-06 5 538E-06 2.661E-04 2.568E-04 6.953E-07 9.724E-06 8.710E-06 8.997E-06 8.059E-06 809 5.224E-06 4.779E-06 4.399E-06 3.143E-07 4.911E-05 6.235E-07 2.592E-04 2.542E-04 2.392E-04 4.629E-05 4.393E-05 5.731E-07 7.987E-06 7.388E-06 2.895E-07 5.069E-06 811 2.683E-07 2.486E-07 5.301E-07 4.900E-07 7.368E-06 6.793E-06 6.815E-06 6.281E-06 4.667E-06 812 4.167E-05 4.046E-06 4.294E-06 3.948E-06 3 718E-06 2.202E-04 4.521E-07 6.254E-06 5.783E-06 2.297E-07 3.917E-05

RECEPTOR # 69 HAS HIGHEST CHRONIC HAZARD INDEX OF 2.873E-02

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 244

*** CHRONIC HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 69 ***

POLLUTANT	ORAL DOSE (mg/kg-d)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN
ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH Se TOL XYLEN Zn	0.000E+00 0.000E+00 1.000E-03 0.000E+03 1.000E-03 5.000E-03 0.000E+00 0.000E+00 0.000E+00 3.000E-04 0.000E+00 4.000E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.000E+00 2.000E-02 5.000E-01 7.100E+01 4.800E-03 3.500E+00 2.000E-03 2.400E+00 1.500E+00 4.000E-01 3.000E-01 2.400E-01 1.400E-01 5.000E-01 2.000E+02 3.500E+02	0.000E+00 0.000E+00 1.504E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.504E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.035E-06 2.378E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.504E-04 0.000E+00 1.100E 03 1.035E-06 2.378E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.504E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	1.597E-04	2.873E-02	1.829E-05	2.571E-04	2.378E-04	9.290E-06	1.586E-03	1.504E-04

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 245

*** CHRONIC HAZARD INDEX BY SOURCE FOR PEAK RECEPTOR # 69 ***

POLLUTANT ACETA ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 9.000E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00

			CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN
SOURCE #			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
SOURCE #			0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	jt 4		0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
SOURCE #)	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	<i>i</i> } 7		0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
RCE #		} 	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0,000E+00	0.000E+00	0.000E+00
URCE #	# 10		0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
SOURCE #			0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	# 13		0.000E+00 0.000E+00							
SUUKLE #	7F 1.4		0.0005+00	0,000100	0.0000.00	0.0001.00	0,0002.00			

```
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
SOURCE #
              15
16
17
                           0 000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                           0.000E+00
0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0 000E+00
                                           0.000E+00
                           0.000E+00
   RCE #
              18
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
    CE #
              19
                                           0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
CE #
SOURCE #
SOURCE #
                           0.000E+00
              20
                                           0.000E+00
                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
              21
22
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
              23
                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
              24
SOURCE #
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
                                                           0.000E+00
                                           0.000E+00
0.000E+00
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
              26
27
                           0 000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                           0.000E+00
                                           0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
               28
                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
SOURCE #
              29
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              30
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
               31
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
SOURCE #
              32
33
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                           0.000E+00
                                           0.000E+00
SOURCE #
SOURCE #
                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                           0.000E+00
                                                                                           0.000E+00
                           0.000E+00
0.000E+00
              35
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
              36
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                           0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0 000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
              38
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 246
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
               40
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
               41
                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0 000E+00
                                                                                                                                           0.000E+00
               42
                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                            0.000E+00
SOURCE #
               43
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               45
                            0.000E+00
0.000E+00
SOURCE #
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
SOURCE #
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
SOURCE #
SOURCE #
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               48
                                                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
               49
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
               50
                            0.000E+00
                                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
                                                            0.000E+00
               51
52
                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               53
54
55
56
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                           0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
SOURCE #
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                            0.000E+00
                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
RCE #
               57
                            0.000E+00
                                                                                                                                           0.000E+00
               58
                                            0.000E100
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0,000E100
                            U.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
               59
                            0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E100
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
0.000E+00
               60
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                           0.000E+00
               61
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
               62
                            0.000E+00
                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               63
64
SOURCE #
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                            0 000E+00
SOURCE #
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
               65
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               66
67
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                            0=000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                            0 000E+00
                                                                                            0 000E+00
                                                                                                           0 000E+00
                  SUM =
                            0.000E+00
                                            0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E-02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT ACROL
                                                                                                                                  RESP
                                                                                                                                                  SKIN
                                                                                                                REPRO
                                                                                  KIDN
                                                                                                 LIVER
                                                                 IMMUN
                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
SOURCE #
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
SOURCE #
                2
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
 SOURCE #
                5
                            0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
SOURCE #
                                                                                                                                           0.000E+00
SOURCE #
                6
7
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0 000E+00
                                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
                8
                            0.000E+00
                                                                                                                           0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
               10
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                            0.000E+00
SOURCE #
SOURCE #
                            0.000E+00
0.000E+00
                                            0.000E+00
               11
                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0 000E+00
               12
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 247
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                             Output File: g:\ace\GQ91\GQPACE.OUT
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                            0.000E+00
                                            0.000E+00
SOURCE #
                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                             0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
               16
17
                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                            0.000E+00
               18
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                            0.000E+00
 SOURCE #
               19
                            0.000E+00
                                            0.000E+00
                                                             0.000E+00
                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                            0.000E+00
   RCE #
               20
21
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                            0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
JRCE #
SOURCE #
SOURCE #
                                                                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                            0.000E+00
               22
                            0.000E+00
                                            0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
               23
24
25
                                                             0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
 SOURCE #
```

```
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                        0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0,000E+00
            28
29
                        0.000E+00
                                      0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
SOURCE
SOURCE #
                        0.000E+00
                                                                   0.000E+00
                                                                                               0.000E+00
                                                                                                             0 000E+00
                                                                                                                            0 000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                                   0 000E+00
                                                                                 0 000E+00
                                                                                               0.000E+00
             30
                        0.000E+00
                                       0.000E+00
                                                     0 000E+00
  TRCE
                                       0.000E+00
                                                     D.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
   RCE #
            31
32
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.0006+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.0008+00
                                                                                                                            U.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                                                                 0.000E+00
                                                                                               0.000E+00
                                      0.000E+00
0.000E+00
                                                                   0.000E+00
             33
                        0,000E+00
                                                     D. 000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                     0.000E+00
                        0.000E+00
             34
SOURCE #
             35
                        0 000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0 000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                      0.000E+00
0.000E+00
                                                                                 0 000E+00
             36
                        0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                        0.000E+00
             37
             38
                        0.000E+00
                                       0,000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
SOURCE #
             39
                        0.000E+00
                                      0.000E+00
0.000E+00
                                                     0.000E+00
                                                                   0 000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                        0,000E+00
             40
SOURCE #
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
             41
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
SOURCE #
             42
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                      0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                     0,000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                                            0.000E+00
                        0.000E+00
SOURCE #
             43
                        0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             44
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                        0.000E+00
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0,000E+00
                                                                                                                            0,000E+00
             46
47
                                                                                 0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                               0.000£+00
                                                                                                              0.000E+00
SOURCE #
                                                                                                              0.00CE+00
                                                                                               0.000E+00
                        0.000E+00
                                       0.000E+00
0.000E+00
                                                     0 000E+00
                                                                   0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+0D
                                                                   0,000E+00
SOURCE #
             49
50
                        0.000E+00
                         0.000E+00
                                       0.000E+00
                                                     0,000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                              0,000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                       0.000E+00
0.000E+00
                                                     0.000E+00
SOURCE #
                        0.000E+00
                        0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
SOURCE #
             52
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                       0.000E+00
0.000E+00
                                                     0.000E+00
SOURCE #
             54
                        0.000E+00
                                                                   0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                        0.000E+00
             55
                                                                   0.000E+00
0.000E+00
             56
                         0.000E+00
                                       0,000E+00
                                                     0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                                  0.000E+00
                                                                                               0,000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             57
58
                        0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
                                                     D.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                                               0.000E+00
0.000E+00
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             60
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                        0,000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             61
62
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E + 00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                               0,000E+00
                                                                                                                            0.000E+00
                                                                                                              0.000E+00
SOURCE #
                                       0.000E+00
             63
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
             64
                         0,000E+00
                                                                                                              0.000E+00
                                                                                                                            D.000E+00
                                                                                               0.000E+00
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 248
                                                    ALL RECEPTORS, 1991 MET,
                                                                                 PM10
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT -
                                                      Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
SOURCE #
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0 000E+00
                                                                                  0,000E+00
                                                                                                              0.000E+00
SOURCE #
             67
                        0.000E+00
                                       0.000E+00
0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                               0.000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                     0.000E+00
SOURCE #
             68
                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E(00
                                                                   0.000E100
                                                                                               0.0000100
               5UM =
                        0.000E+00
                                       0.000E+00
                                                     0.000E100
                                                                                  0.0000100
                          ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 5.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 1.000E-03
     POLLUTANT As
                                                                                      LIVER
                                                                                                    REPRO
                                                                                                                    RESP
                                                                         KIDN
                                                                                                                                  SKIN
                                              CNS
                                                         TMMIIN
                                       5.023E-08
                                                                                                              5.023E-08
9.188E-08
2.537E-07
SOURCE #
                         5.023E-08
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                                            5.023E-08
              1234
SOURCE #
SOURCE #
                                                                                               0.000E+00
                                                                                                                            9.188E-08
2,537E-07
                        9,188E-08
2,537E-07
                                       9.188E-08
2.537E-07
                                                     0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                       4,362E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              4.362E-07
                                                                                                                            4 362E-07
                                                                                                              9.277E-07
                                                                                               0.000E+00
                                                                                                                            9.277E-07
SOURCE #
                         9.277E-07
                                       9.277E-07
9.743E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
SOURCE #
              6
                         9.743E-07
                                       1,294E-06
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.294E-06
                                                                                                                            1.294E-06
                         1.294E-06
                                       8.270E-08
1.766E-06
1.911E-06
                                                                                                              8,270E-08
                                                                                                                            8.270E-08
              89
                         8.270E-08
                                                     0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0,000E+00
SOURCE #
                                                                                 0.000E+00
                                                                                                                            1.766E-06
                        1.766E-06
                                                                   0.000E+00
                                                                                                0.000E+00
                                                                                                              1.766E-06
SOURCE #
                                                                   0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.911E-06
                                                                                                                            1.911E-06
                         1.911E-06
SOURCE #
             10
                         1.892E-07
                                                                                                              1.892E-07
9.445E-06
                                                                                                                            1.892E-07
9.445E-06
                                       1.892E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
             11
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
SOURCE #
                        9.445E-06
4.370E-06
                                       9.445E-06
4.370E-06
                                                     0.000E+00
             12
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              4.370E-06
                                                                                                                            4.370E-06
             13
SOURCE #
                         5.357E-07
                                       5.357E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              5.357E-07
9.516E-07
                                                                                                                            5.357E-07
9.516E-07
             14
                                       9.516E-07
6.323E-06
2.984E-06
                         9.516E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                        6.323E-06
2.984E-06
                                                     0.000E+00
                                                                                                0.000E+00
                                                                                                              6.323E-06
                                                                                                                            6.323E-06
                                                                    0.000E+00
                                                                                  0.000E+00
SOURCE #
             16
                                                                                                                            2.984E-06
5.489E-07
             ĩĩ
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              2.984E-06
                                                                                                              5.489E-07
1.115E-07
2.027E-07
5.594E-07
SOURCE #
SOURCE #
SOURCE #
                                                                                               0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                  0.000E+00
             18
                         5.489E-07
                                       5.489E-07
                                                                   0.000E+00
                                       1.115E-07
2.027E-07
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                                            1.115E-07
                         1.115E-07
             19
                                                                   0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                            2.027E-07
5.594E-07
             20
                         2.027E-07
                                                     0.000E+00
                                                                                  0.000E+00
                        5.594E-07
9.457E-07
                                                                                  0.000E+00
             21
                                       5.594E-07
                                                     0.000E+00
                                       9.457E-07
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              9.457E-07
                                                                                                                            9.457E-07
SOURCE #
             22
23
                                                                                               0.000E+00
0.000E+00
                                                                                                              1.967E-06
1.873E-06
                                                                                                                            1.967E-06
1.873E-06
                                       1.967E-06
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                  0.000E+00
SOURCE #
             24
                         1.873E-06
                                       1.873E-06
2.302E-06
                                                     0.000E+00
                                                                   0.000E+00
                         2.302E-06
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              2.302E-06
                                                                                                                            2.302E-06
                                                     0.000E+00
SOURCE #
             25
                         1.834E-07
                                       1.834E-07
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.834E-07
                                                                                                                            1.834E-07
3.920E-06
SOURCE #
             26
                                                                                                              3 920E-06
SOURCE #
             27
                         3.920E-06
                                       3.920E-06
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0 000E+00
                                                                                                0.000E+00
                                                                    0.000E+00
                                                                                                0.000E+00
                                                                                                              4.060E-06
                                                                                                                            4.060E-06
                                                     0.000E+00
                                                                                  0.000E+00
                                       4.060E-06
4.114E-07
SOURCE #
             28
                         4.060E-06
                                                                                                                            4.114E-07
             29
                         4.114E-07
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              4.114E-07
                                       4.996E-07
9.137E-07
2.522E-06
                                                                                                0.000E+00
0.000E+00
                                                                                                                            4.996E-07
9.137E-07
                         4.996E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                              4.996E-07
SOURCE #
                                                     0.000E+00
                                                                    0.000E+00
                                                                                                              9 137E-07
                                                                                  0.000E+00
             31
32
                        9.137E-07
2.522E-06
SOURCE #
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              2.522E-06
                                                                                                                            2.522E-06
SOURCE #
                                                                                                              4 335E-06
             33
                         4.335E-06
                                       4.335E-06
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                                            4.335E-06
                                       9.221E-06
9.689E-06
                                                                                                0.000E+00
                                                                                                              9.221E-06
                                                                                                                             9,221E
SOURCE #
                                                                    0.000E+00
                                                                                  0.000E+00
                                                     0.000E+00
             34
                         9 221E-06
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              9.689E-06
                                                                                                                            9.689E-06
SOURCE #
                         9.689E-06
                         1.287E-05
                                       1.287E-05
                                                     0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.287E-05
                                                                                                                            1.287E-05
  'IRCE #
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              8.224E-07
                                                                                                                            8,224E-07
                         8 224E-07
                                       8.224E-07
   RCE #
             37
                                       1.756E-05
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.756E-05
                                                                                                                            1.756E-05
             38
                         1.756E-05
                                                     0.000E+00
  JRCE #
                                                                                                                            1,900E-05
                         1.900E-05
                                       1.900E-05
SOURCE
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.900E-05
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.882E-06
                                                                                                                            1 882E-06
SOURCE #
             40
                         1.882E-06
                                       1 882E-06
                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
```

0.000E+00

53

SOURCE #

```
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
             55
56
57
                          0.000E+00
                                        0 =000E+00
                                                        0.000E+00
                                                                       0.000E+00
SOURCE #
                                                                                                                    0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                         0.000E+00
                                                        0.000E+00
                          0.000E+00
SOURCE #
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
SOURCE #
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0 000E+00
                                         0.000E+00
                                                        0.000E+00
             58
59
   RCE #
                          0.000E+00
                                                                                                     0.000E100
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                         U.000E+00
                                                        0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                          0.000E+00
   RCE #
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
             60
                          0.000E+00
   RCE
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                    0.000E+00
                          0.000E+00
SOURCE #
             61
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
             62
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                          0.000E+00
SOURCE
                         0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
SOURCE #
SOURCE #
             64
65
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                        0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
             66
                          0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
                                         0.000E+00
SOURCE #
             67
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET
                                                                                      PM10
                                                                                                                            11/07/95 09:41:42
                                                                                                                                                       Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                         Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                   0 000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                         0.000E+00
                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                SUM = 0.000E+00
                                         0 000E+00
                           ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 4.800E-03 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 5.000E-03
     POLLUTANT Be
                                                                                           LIVER
                                                                                                          REPRO
                                                                                                                          RESP
                                                                             KIDN
                                                 CNS
                                                             TMMUN
                                                                                                                                   0.000E+00
                                                                                      0.000E+00
                                                                                                     0 000E+00
                                                                                                                    8.494E-07
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                          0.000E+00
SOURCE #
                                                                                                                    1.554E-06
4.290E-06
7.375E-06
1.569E-05
                                                                                                     0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
SOURCE #
               2
                                                                                                                                   0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                          0 000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                                      0.000E+00
SOURCE #
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
                                         0.000E+00
SOURCE #
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    1.648E-05
2.188E-05
                                                                                                                                   0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                         0.000E+00
SOURCE #
               6
                          0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                    1.398E-06
2.987E-05
3.230E-05
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
               8
                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
SOURCE #
                                                                                                                                    0.000E+00
                                                                                                     0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
              10
                          0.000E+00
                                         0.000E+00
                                                                       0.000E+00
SOURCE #
                                                                                                                    3.200E-06
1.590E-04
7.361E-05
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
SOURCE #
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
              12
SOURCE #
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                       0.000E+00
SOURCE #
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    9.022E-06
                                                                                                                                    0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                         0.000E+00
0.000E+00
SOURCE #
              14
15
                          0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    1.603E-05
                                                                                                                                    0.000E+00
                          0.000E+00
                                                        0.000E+00
                                                                                       0.000E+00
SOURCE #
                                                                                                                     1.065E-04
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                          0.000E+00
SOURCE #
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                    5.025E-05
9.241E-06
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
              17
                          0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                       0.000E+00
SOURCE #
              18
                                                                                       0.000E+00
                                                                                                                    1.886E-06
                                                                                                                                    0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
0.000E+00
SOURCE #
                                                                                                                    3.428E-06
                                                                                                                                   0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              20
                                                                                                                    9.463E-06
                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
   WRCE #
              21
                                                                                                                    1.600E-05
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                       0.000E+00
              22
                                         0.000E+00
                                                         0.000E+00
                          0.000E+00
   RCE #
                                                                                                     0.000E+00
                                                                                                                     3.327E 05
                                                                                                                                   0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                        0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
  JURCE
              23
                                         0.000E+00
                                                                                                                    3.168E-05
                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              24
25
SOURCE
                                                                                                     0.000E+00
                                                                                                                     3.894E-05
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                          0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    3.102E-06
                                                                                                                                   0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
SOURCE
              26
                                         0.000E+00
                                                                                                                    6.632E-05
6.865E-05
                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
              27
SOURCE #
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
SOURCE #
                          0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                                                    6.959E-06
1.907E-07
3.489E-07
                                         0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
              29
                          0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
SOURCE #
              30
                                                                                                                                    0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
SOURCE #
              31
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                     9.633E-07
                                                                                                                                    0.000E+00
                                                         0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              32
                                                                                                                    1.656E-06
3.522E-06
3.700E-06
4.913E-06
3.140E-07
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
              33
                                                                                                                                    0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                     0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
              34
SOURCE #
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
              35
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
SOURCE
                                                                                                                                    0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
SOURCE #
              36
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
SOURCE #
              37
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                    6.706E-06
7.254E-06
7.185E-07
                                                                        0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
SOURCE #
SOURCE #
              38
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                                                                    0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              39
                          0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                       0.000E+00
0.000E+00
              40
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.331E-04
                                                                                                                                    0.000E+00
                                                         0.000E+00
SOURCE #
              41
                          0.000E+00
                                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                     7.252E-05
                                                                                                                                    0.000E+00
                                                         0.000E+00
                                         0.000E+00
SOURCE #
              42
                          0 000E+00
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                            11/07/95
                                                                                                                                         09:41:42
                                                                                                                                                       Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                     1.063E-04
                                          0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
SOURCE #
                          0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                                                    4.434E-07
1.120E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                         0.000E+00
0.000E+00
              44
                          0.000E+00
0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
SOURCE #
              45
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.436E-07
3.073E-07
                                                                                                                                    0.000E+00
                                                                       0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
SOURCE #
              46
                                                                                                                                    0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                                      0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              47
                                          0.000E+00
                                                                                                                     6.804E-07
1.532E-07
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
SOURCE #
              48
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
              49
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.209E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                                        0.000E+00
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
SOURCE
              50
                                                                                                                    3.053E-08
3.915E-08
8.373E-08
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              51
52
SOURCE #
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                       0.000E+00
                                                         0.000E+00
0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0,000E+00
                                                                                                                                    0.000E+00
SOURCE #
              53
                          0.000E+00
                                          0.000E+00
                                                                                                                     1.855E-07
4.177E-08
                                                                                                                                    0.000E+00
                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                          0.000E+00
                                                         0.000E+00
SOURCE #
              54
55
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                         0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                          0.000E+00
                                          0.000E+00
SOURCE #
                                                                                                                     1.176E-06
2.970E-07
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
SOURCE #
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              57
SOURCE #
                                                                                                      0.000E+00
                                                                                                                     3.808E-07
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
              58
SOURCE #
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     8.145E-07
                                                                                                                                    0.000E+00
              59
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
SOURCE
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.804E-06
                                                                                                                                    0.000E+00
                                          0.000E+00
                                                         0.000E+00
                          0.000E+00
   URCE
   JRCE #
              60
                                                                                                                     4.063E-07
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
              61
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
  URCE #
              62
                          0.000E+00
                                          0.000E+00
                                                         0-000E+00
SOURCE #
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                          0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
              63
64
                          0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                                                    0.000E+00
                                                                        0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
SOURCE #
```

```
67 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                              0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
                                 SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.188E-03 0.000E+00
                                                       ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.500E+00 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 1.000E-03
           POLLUTANT Cd
                                                                                                                                                           KIDN
                                                                                                                                                                                      LIVER
                                                                                                                                                                                                                      REPRO
                                                                                                                             TMMIIN
                                                                       CV
                                                                                                   CNS

        0.000E+00
        0.000E+00
        0.000E+00
        2.577E-10
        0.000E+00
        0.000E+00
        2.577E-10
        0.000E+00
        0.000E+00
        2.577E-10
        0.000E+00
        0.000E+00
        4.715E-10
        0.000E+00
        0.000E+00
        1.302E-09
        0.000E+00
        0.000E+00
        1.302E-09
        0.000E+00
        0.000E+00
        2.238E-09
        0.000E+00
        0.000E+00
        2.238E-09
        0.000E+00
        0.000E+00
        4.759E-09
        0.000E+00
        <t
SOURCE #
                              2 3 4 5
                                                                                                                                                                                                                                            1.302E-09 0.000E+00
2.238E-09 0.000E+00
4.759E-09 0.000E+00
6.640E-09 0.000E+00
9.061E-09 0.000E+00
9.803E-09 0.000E+00
4.244E-10 0.000E+00
9.803E-09 0.000E+00
2.243E-08 0.000E+00
2.749E-09 0.000E+00
4.884E-09 0.000E+00
3.244E-08 0.000E+00
1.532E-08 0.000E+00
SOURCE # 6
SOURCE # 7
SOURCE # 8
SOURCE # 9
SOURCE # 10
SOURCE # 12
SOURCE # 12
SOURCE # 13
SOURCE # 14
SOURCE # 15
SOURCE # 15
SOURCE # 16
SOURCE # 17
                                                     0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                    4.999E-09
                                                                                                                                                                                  0.000E+00
                               6
7
                                                                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   6.640E-09
4.244E-10
                                                                                                                                                                                  0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                    9.061E-09
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                   9.803E-09
9.709E-10
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                    0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                    4.846E-08
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   2.243E-08
2.749E-09
                                                       0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                                                   4.884E-09
3.244E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                    1.532E-08
                                                                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
                           17
                                                     0.000E+00
 SOURCE #
                                                                                                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 253
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10 *Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                                                                                0.000E+00 2.816E-09
0.000E+00 5.721E-10
0.000E+00 1.040E-09
0.000E+00 2.871E-09
0.000E+00 4.853E-09
0.000E+00 1.009E-08
0.000E+00 9.609E-09
0.000E+00 1.181E-08
0.000E+00 9.408E-10
0.000E+00 2.012E-08
0.000E+00 2.012E-08
0.000E+00 2.084E-08
0.000E+00 2.111E-09
                                                                                   0.000E+00 0.000E+00
                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                                                   2.816E-09
                                                                                                                                                                                 0 000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   5.721E-10
1.040E-09
2.871E-09
 SOURCE #
SOURCE #
SOURCE #
                                                      0.000E+00
0.000E+00
                             20
                                                                                                                                                                                                                                                                               0.000E+00
                             21
                                                       0.000E+00
                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                    4.853E-09
 SOURCE #
SOURCE #
                                                    0.000E+00
0.000E+00
                             22
                                                                                 0.000E+00

0.000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   1.009E-08
9.609E-09
                             23
                                      0.00E+00
0.00E+00
0.000E+00
                             24
 SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                    1.181E-08
                             25
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   9.408E-10
2.012E-08
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                             26
                             27
                                                                                                                                                    2.084E-08
2.111E-09
                             28
29
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                   2.111E-09
2.574E-09
4.709E-09
1.300E-08
2.235E-08
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
COURCE #
                             30
                             31
32
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                             33
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                    4.753E-08
                             34
35
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    4.994E-08
6.632E-08
                             36
                                                                                                                                                     4.239E-09
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    9.050E-08
9.789E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                             39
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                     9.698E-09
                                                                                                                                                                                   0.000E+00
                             40
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                             41
                                                                                                                   0.000E+00
                                                                                                                                                     5.414E-09
 SOURCE #
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                    2.950E-09
                                                                                                                                                                                                                 0.000E+00
                             42
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                     4.324E-09
                             43
                                                                                                                                                    5.983E-09
1.512E-09
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                             45
                                                                                                                                                     1.939E-09
                                                                                                                                                                                                                  0.000E+00
                             46
47
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                     4.146E-09
                                                                                                                                                    9.184E-09
2.069E-09
                                                                                                                   0.000E+00
0.000E+00
                             49
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                     1.630E-09
                             50
                             51
52
53
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                    4.120E-10
5.283E-10
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    1.130E-09
2.502E-09
                                                                                                                   0.000E+00
 SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             54
55
                                                                                                                                                     5.636E-10
                             56
57
                                                                                                                                                    1.586E-08
4.008E-09
5.139E-09
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                             58
59
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                     1.099E-08
                                                                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                    2.434E-08
5.483E-09
                                                                                                                                                                                   0.000E+00
0.000E+00
  SOURCE #
                             61
 SOURCE #
                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                  0.000E+00
                             62
63
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                             65
66
67
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
2.616E-07
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
2.616E-07
                                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                       0.000E+00
 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF A Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 254
                                                                                                                                                                                                                                               1.035E-06 0.000E+00
                                  SUM = 0.000E+00 0.000E+00 0.000E+00 1.035E-06 0.000E+00 0.000E+00
                                                         ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E-03 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 5.000E-03
            POLILITANT CT
                                                                    CV
                                                                                                                                                                                                                                                            RESP
                                                                                                                                                                                                                                                                                             SKIN
                                                                                                  CNS
                                                                                                                            TMMUN
                                                                                                                                                            KIDN
                                                                                                                                                                                         LIVER
                                                                                                                                                                                                                        REPRO
                               1 0.000E+00 0.000E+00 0.000E+00 8.316E-08 8.316E-08 0.000E+00 8.316E-08 0.000E+00
  SOURCE #
```

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                1.521E-07
                                                                                                                     1.521E-07
                                                                                                                                         0.000E+00
                                                                                                                                                             1.521E-07
                                                                                                                                                                                  0.000E+00
                                                                           0.000E+00
SOURCE #
                                   0.000E+00
                                                                                                                                                             4.199E-07
7.218E-07
1.535E-06
                                   0.000E+00
0.000E+00
                                                                                                4.199E-07
7.218E-07
1.535E-06
                                                                                                                     4.199E-07
7.218E-07
1.535E-06
SOURCE #
SOURCE #
                                                                            0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
                                   0.000E+00
SOURCE #
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 1.612E-06
                                                                                                                     1.612E-06
                                                                                                                                                              1.612E-06
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                              2.142E-06
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                     2.142E-06
1.369E-07
                                   0.000E+00
                                                                            0.000E100
0.000E+00
                                                                                                2.142E-06
1.369E-07
                                                                                                                                                             1.369E-07
2.923E-06
3.161E-06
3.132E-07
1.562E-05
7.230E-06
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                   0.000E+00
                                                                            0.000E+00
                                                                                                 2.923E-06
                                                                                                                     2.923E-06
                                                                                                                                         0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                     3.161E-06
3.132E-07
1.562E-05
7.230E-06
                                                                                                3.161E-06
3.132E-07
                                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                   0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                1.562E-05
7.230E-06
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                   13
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             8.863E-07
1.574E-06
                                                                                                 8.863E-07
                                                                                                                     8.863E-07
                  14
15
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                1.574E-06
1.046E-05
                                                                                                                     1.574E-06
1.046E-05
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.046E-05
                   16
                                                                                                                     4.938E-06
9.078E-07
1.846E-07
                                                                                                 4.938E-06
                                                                                                                                                             4.938E-06
9.078E-07
                   17
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                9.078E-07
                                   0.000E+00
                                                                                                 1.846E-07
3.354E-07
                                                                                                                                         0.000E+00
                                                                                                                                                              1.846E-07
                                                                                                                                                                                  0.000E+00
                  19
20
                                   0.000E+00
0.000E+00
                                                                                                                                                             3.354E-07
9.260E-07
                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                     3.354E-07
                                                                                                 9.260E-07
1.565E-06
3.256E-06
                  21
22
23
                                                                                                                     9.260E-07
                                   0.000E+00
                                                       0.000E+00
                                                                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                     1.565E-06
3.256E-06
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              1.565E-06
                                                                            0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              3.256E-06
3.100E-06
3.811E-06
                  25
26
27
28
                                                                                                                     3.100E-06
3.811E-06
                                                                            0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                 3.100E-06
                                                                                                 3.811E-06
                                                                                                                                                                                  0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                 3.035E-07
6.492E-06
6.720E-06
                                                                                                                                                             3.035E-07
6.492E-06
6.720E-06
                                                                            0.000E+00
                                                                                                                     3.035E-07
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                   0.000E+00
                                                        0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                     6.492E-06
6.720E-06
                                                       0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                 6.810E-07
7.323E-07
1.340E-06
3.699E-06
                                                                                                                                                             6.810E-07
7.323E-07
1.340E-06
3.699E-06
                                                                                                                     6.810E-07
7.323E-07
1.340E-06
                                   0.000E+00
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                   29
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                   30
                                   0.000E+00
                  31
32
                                   0.000E+00
0.000E+00
                                                                                                                     3.699E-06
6.359E-06
1.352E-05
1.421E-05
1.887E-05
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                             6.359E-06
1.352E-05
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                 6.359E-06
1.352E-05
1.421E-05
1.887E-05
                                   0.000E+00
                                                       0.000E+00
                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                  34
                                   0.000E+00
0.000E+00
                                                                                                                                                              1.421E-05
1.887E-05
                                                                                                                                         0.000E+00
0.000E+00
                   36
                                   0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                     1.206E-06
2.575E-05
2.786E-05
                                                                                                                                                              1.206E-06
2.575E-05
2.786E-05
                                                                                                 1.206E-06
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
                   37
                                                                                                 2.575E-05
2.786E-05
2.759E-06
3.107E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                  39
                                                                                                                     2.759E-06
3.107E-06
                                                                                                                                                              2.759E-06
3.107E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                     1.692E-06
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                              1.692E-06
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 1.692E-06
SOURCE #
                                   0.000E+00
                                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                        11/07/95 09:41:42
                                                                                                                                                                                                             Page -
 Input File: g:\ace\GQ91\GQPACE.DAT
SOURCE #
SOURCE #
RCE #
                                                                                                2.481E-06
1.702E-06
4.304E-07
                                                                                                                     2.481E-06
1.702E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              2.481E-06
1.702E-06
                                                                                                                                                                                  0.000E+00
                                                                             0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                  44
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              4.304E-07
5.518E-07
                                                                                                                      4.304E-07
                                                                                                                                         0.000E+00
                   46
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 5.518E-07
1.180E-06
                                                                                                                     5.518E-07
1.180E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              1.180E-06
JRCE #
SOURCE #
SOURCE #
                                   0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                 2.613E-06
5.884E-07
4.639E-07
                                                                                                                     2.613E-06
5.884E-07
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              2.613E-06
5.884E-07
                                                                                                                                                                                  0.000E+00
0.000E+00
                   48
                                                       0.000E+00
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              4.639E-07
                                                                                                                                                                                  0.000E+00
                                                                                                                     4.639E-07
SOURCE #
SOURCE #
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                   50
51
                                                       0.000E+00
0.000E+00
                                                                                                                                                             1.172E-07
1.503E-07
3.216E-07
                                                                                                 1.172E-07
1.503E-07
3.216E-07
                                                                                                                      1.172E-07
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                     1.503E-07
3.216E-07
                   52
                                                                                                                                                                                 0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
SOURCE #
                   53
                                                                                                                                                             7.124E-07
1.604E-07
4.513E-06
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
SOURCE #
                                                                                                 7.124E-07
                                                                                                                      7.124E-07
                                                                                                                                         0.000E+00
                                                                                                 1.604E-07
4.513E-06
                                                                                                                     1.604E-07
4.513E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                   56
57
SOURCE #
                                   0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                             0.000E+00
                                                                                                 1.140E-06
                                                                                                                      1.140E-06
                                                                                                                                          0.000E+00
                                                                                                                                                             1.140E-06
                                                                                                 1.462E-06
3.128E-06
                                                                                                                      1.462E-06
3.128E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             1.462E-06
3.128E-06
 SOURCE #
                                    0.000E+00
                                                        0.000E+00
                                                                             0.000E+00
                                                        0.000E+00
0.000E+00
 SOURCE #
                                   0.000E+00
                                                                             0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             6.928E-06
1.560E-06
0.000E+00
                                   0.000E+00
                                                                             0.000E+00
                                                                                                 6.928E-06
                                                                                                                      6.928E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
                   60
                                                                                                                      1.560E-06
0.000E+00
                   61
                                                        0,000E+00
                                                                             0.000E+00
                                                                                                 1.560E-06
                                                                                                                                                                                   0.000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                    0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                    0.000E+00
                   63
                                                                                                                                                              0.000E+00
 SOURCE #
                   64
65
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                      0 000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
SOURCE #
                                                        0.000E+00
0.000E+00
                   66
67
                                    0.000E+00
0.000E+00
                                                                                                                                                               4.336E-06
0.000E+00
                                                                                                 4.336E-06
                                                                                                                      4.336E-06
                                                                                                                                          0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                   0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                     2.378E-04
                                                                                                                                         0.000E+00
                                                                                                                                                              2.378E-04
                                                                                                                                                                                   0.000E+00
                      SUM = 0.000E + 00
                                                        0.000E+00
                                                                            0.000E+00 2.378E-04
                                      ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.400E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
       POLLUTANT Cu
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
 SOURCE #
SOURCE #
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                    0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                    0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
 SOURCE #
                                    0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                    0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                    0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                     8
                                                                                                                                                              0.000E+00
0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                  0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
 SOURCE #
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                             0.000E+00
0.000E+00
 SOURCE #
                   10
                                    0.000E+00
                                                         0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                               0.000E+00
    RCE #
                                    0.000E+00
0.000E+00
                                                         0.000E+00
                   11
                                                                                                                                                               0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                  0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                   12
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                   0-000E+00
                                                                             0.000E+00
 SOURCE #
```

```
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 256
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                   0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                0,000E+00
                                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                 0.000E+00
                                                  0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E100
RCE #
RCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                19
20
                                0.000E+00
                                                                                                                                                                   0.000E+00
                                 0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                   0.000E+00
                21
22
                                 0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                   0.000E+00
                                0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                   0.000E+00
                23
24
25
                                                                     0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                   0.00E+00
                                0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                                                                           0.000E+00
SOURCE #
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                   0.000E+00
                 26
27
                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                     0.000E+00
                 28
                                                                                                                                                                   0.000E+00
                                                                                                           0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                   0.000E+00
                 30
                                0.000E+00
                                                                                                                                                                   0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
                                0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                 31
32
                                                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                              0.000E+00
                                                  0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                0.000E+00
                 34
35
                                                                                                           0.000E+00
                                                                                                                                                                   0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                   0.000E+00
                 36
37
                               0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                   0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                 38
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                 39
                                0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                 40
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                 41
42
43
                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                                                                                              0.000E+00
                                                                                                            0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                         0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                 45
46
                                                                                                                                                                    0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                            0,000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                  47
                                0.000E+00
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                  48
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
 SOURCE #
                  49
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                  50
                               0.000E+00
                                0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                      0,000E+00
                                                                                         0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                 51
52
                                                                                                                                                                    0.000E+00
                                                                      0,000E+00
0,000E+00
0,000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                 0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                   0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
 SOURCE #
                  53
                                                                                                                                                 0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                  54
55
 SOURCE #
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                              0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
 SOURCE #
                                 0.000E+00
                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                      0,000E+00
                                                                                                                              0.000E+00
 SOURCE #
                  57
58
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
 SOURCE #
                  59
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                  60
                                                                                                                               0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                    0.000E+00
0.000E+00
                  61
                                0.000E+00
                                                                      0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E100
                                                                                                            0.000E100
                                                                                                                               0.000E+00
                               0.000E+00
0.000E+00
                  62
                                                                                                                               0.000E+00
JRCE #
JRCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                            0.000E+00
0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                         0.000E+00
                  63
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                 64
65
66
67
                                                    0.000E+00
0.000E+00
                                 0.000E+00
                                                                      0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                       0.000E+00
                                 0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                               0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
 SOURCE #
                                                    0.000E+00
                  68
                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQFACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                        11/07/95 09:41:42
                                                                                                                                                                                            Page -
                     SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                               0.000E+00 0.000E+00 0.000E+00
                                   ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.600E+00 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
       POLLUTANT HCHO
                                                                                                 KIDN
                                                                                                                 LIVER
                                                                                                                                                         RESP
                                                                                                                                                                            SKIN
                                            CV
                                                             CNS
                                                                             IMMUN
                                                                     0.000E+00 0.000E+00 0.000E+00
                                0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                   2 3 4 5
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                               0.000E+00
0.000E+00
 SOURCE # SOURCE #
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                       0.000E+00
 SOURCE #
                                0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
 SOURCE #
                  10
                                                                                                                                                                     0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                 0.000E+00
                                                                       0.000E+00
                  11
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                                                                          0.000E+00
                  12
13
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                          0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                  14
                                 0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
 SOURCE #
                  15
                                                                                                                                                                     0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
 SOURCE #
                                                                       0.000E+00
                  16
17
                                                                                                                                                                     0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                                    0.000E+00
0.000E+00
                  18
                                0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                  19
20
                                                                                                            0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                0.000E+00
                                                    0.000E+00
                                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                  21
                                                    0.000E+00
                                                                                                                                                                     0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
 SOURCE #
                  22
23
24
25
26
27
                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
  OURCE #
                                                                                                                                                                     0.000E+00
    URCE #
                                                    0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                          0 000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                     0.000E+00
 URCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                          0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                     0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                             0.000E+00
                  28
29
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                    0.000E+00
```

```
0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
              31
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                           0.000E+00
SOURCE #
                                                                                           0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                                            0.000E+00
              33
                            0 000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              34
                            0.000E+00
                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              35
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
    CE #
                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
              36
37
                           0.000E+00
0.000E+00
                                                           0.000E+00
    RCE #
                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
              38
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
              39
                           0.000E+00
0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
               40
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
              41
                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                            0,000E+00
                           0.000E+00
              42
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                  11/07/95 09:41:42
                                                                                                                                                               Page -
                            0.000E+00
                                                                                                                                          0.000E+00
                                                                                                           0:000E+00
                                                                                                                           0:000E+00
                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                           0.000E+00
                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
SOURCE #
              44
45
                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
              46
                            0.000E+00
                                                           0.000E+00
                            0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
              47
                                                                           0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               48
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
               49
                            0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
SOURCE #
              50
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
               51
                                                                                                                           0.000E+00
                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
               52
53
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
SOURCE #
               54
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
               55
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               56
SOURCE #
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
               58
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               59
SOURCE #
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               60
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
              61
62
                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
               63
                            0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                                           0.000E+00
              64
65
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                            0,000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                           0.000E+00
               66
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
              67
68
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                           0 000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                 SUM =
                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 7.000E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT HCN
                                                                 IMMUN
                                                                                  KIDN
                                                                                                LIVER
                                                                                                                REFRO
                                                                                                                                 RESP
                                                                                                                                                 SKIN
                                                   CNS
SOURCE #
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                           0.000E+00
                1 2
                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                                            0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                3
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                            0.000E+00
                                                                            0 000E+00
                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
SOURCE #
                5
SOURCE #
                                                                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                8
SOURCE #
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                                           0.000E+00
               10
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
               11
12
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
SOURCE #
                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
               14
                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               15
                                                                                                                                           0.000E+00
               16
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
               17
                            0 000E+00
                                            0 000E+00
                                                            0.000E+00
                                                                            0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQI
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 259
                                                             Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                Page -
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
SOURCE #
                            0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                           0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
               20
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               21
                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
               22
                            0.000E+00
                                            0.000E+00
                                                                                                                           0.000E+00
               23
24
                                            0.000E+00
                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
               25
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0 000E+00
                                                                                                                           0.000E+00
SOURCE #
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               26
27
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               29
                            0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                                            0.000E+00
               30
                                                                                                                                           0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
               31
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
               32
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
RCE #
                                                                                                                           0.000E+00
               35
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                            0.000E+00
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
               36
                                                                                                           0.000E+00
0.000E+00
               37
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
               38
39
                                                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
                                                                                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
               40
                            0.000E+00
                                            0.000E+00
               41
                            0.000E+00
                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
```

```
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                           0.000E+00
SOURCE #
                                                                                               0.000E+00
                                   0.000E+00
                                                       0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                   0.000E+00
                                                       0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                    0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              0 000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                  45
                                   0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                     0.000E+00
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 0.000E+00
   RCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                 0.000E+00
     RCE #
                                   0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                  48
                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
SOURCE #
                   49
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                       0.000E+00
0.000E+00
                   50
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                   0.000E+00
0.000E+00
SOURCE #
                  51
52
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                       0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                                                       0.000E+00
0.000E+00
                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                                          0.000E+00
                  54
55
                                                                                                                                                              0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                 0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                 0.000E+00
                   57
                                                                                                                                                              0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                   58
                                   0.000E+00
                                                       0.000E+00
                                                                                                 0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
                   60
                                                       0.000E+00
1.975E-03
5.024E-03
                                                                                                 0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                  61
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                   62
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                  63
64
65
                                                       2.154E-02
0.000E+00
2.230E-05
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                 0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                  66
                                                                            0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                               0.000E+00
                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 260
                      SUM = 0.000E+00 2.857E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                    ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 1.500E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 4.300E-04
       POLLUTANT Pb
                                                                                                                           LIVER
                                                                                                                                                REPRO
                                                                                                                                                                       RESP
                                                                                                                                                                                            SKIN
                                                                  CNS
                                                                                   IMMUN
                                                                                                         KIDN
                                                                                                                                      3.754E-09
6.868E-00
                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                0.000E+00
                                                                                                                     0.000E+00
                                                                                                 3.754E-09
                                                                           3.754E-09
SOURCE #
                                    3.754E-09
                                                       3.754E-09
SOURCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       6.868E-09
                                                                            6.868E-09
                                                                                                                      0.000E+00
                                                                                                 6.868E-09
                    2
                                   6.868E-09
1.896E-08
                                                                           1.896E-08
3.259E-08
6.932E-08
                                                       1.896E-08
3.259E-08
                                                                                                 1.896E-08
3.259E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                         1.896E-08
3.259E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
                    5
                                   3.259E-08
                                                      3.259E-08
6.932E-08
7.282E-08
9.672E-08
6.181E-09
1.320E-07
1.428E-07
1.414E-08
7.047E-07
3.262E-07
                                                                                                                                          6.932E-08
7.282E-08
                                   6.932E-08
7.282E-08
                                                                                                 6.932E-08
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                           7.282E-08
9.672E-08
6.181E-09
                                                                                                                     0.000E+00
0.000E+00
                                                                                                 7.282E-08
9.672E-08
                    6
7
8
9
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          9.672E-08
                                    9.672E-08
                                                                          6.181E-09

1.320E-07

1.42E-07

1.414E-08

7.047E-07

3.262E-07

3.99E-08

4.718E-07

2.228E-07

4.095E-08

8.336E-09

1.515E-08

4.181E-08

7.067E-08

1.400E-07

1.400E-07

1.721E-07

1.370E-08

2.931E-07

3.036E-07
                                                                                                                                          6.181E-09
1.320E-07
                                                                                                 6.181E-09
1.320E-07
                                                                                                                     0.000E+00
0.000E+00
                                   6.181E-09
                                                                                                                                                                                   0.000E+00
                                   1.320E-07
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
RCE #
RCE #
SURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                 1.428E-07
                                                                                                                      0.000E+00
                                                                                                                                          1.428E-07
                                                                                                                                                                                  0.000E+00
0.000E+00
                  10
                                   1.428E-07
                                                                                                 1.414E-08
7.047E-07
3.262E-07
                                    1.414E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          1.414E-08
7.047E-07
                   11
                                                                                                                                                                                   0.000E+00
                   12
                                   7.047E-07
                                                                                                                      0.000E+00
                                                                                                                                          3.262E-07
                                                                                                                                                                                  0.000E+00
                                   3.262E-07
                   13
                                                      3.999E-08
7.103E-08
4.718E-07
2.228E-07
                                                                                                                                                                                   0.000E+00
                                                                                                 3.999E-08
7.103E-08
4.718E-07
                                   3.999E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          3.999E-08
7.103E-08
                  14
15
                                                                                                                                                                                   0.000E+00
                                  7.103E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                           4.718E-07
SOURCE #
                   16
17
                                   4.718E-07
2.228E-07
                                                                                                 2.228E-07
                                                                                                                      0.000E+00
                                                                                                                                          2.228E-07
SOURCE #
                                                                                                                                          4.095E-08
8.336E-09
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                 4.095E-08
8.336E-09
                                   4.095E-08
                                                       4.095E-08
                   18
                                                      4.095E-08
8.336E-08
1.515E-08
4.181E-08
7.067E-08
1.470E-07
1.721E-07
1.370E-08
2.931E-07
3.075E-08
2.544E-08
4.653E-08
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                   8.336E-09
1.515E-08
4.181E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                 1.515E-08
                                                                                                                      0.000E+00
                                                                                                                                          1.515E-08
                                                                                                                                                                                  0.000E+00
                  20
21
                                                                                                 4.181E-08
7.067E-08
1.470E-07
                                                                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          4.181E-08
7.067E-08
                                                                                                                                                                                   0.000E+00
                                   7.067E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                   1.470E-07
1.400E-07
1.721E-07
1.370E-08
2.931E-07
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                           1.470E-07
SOURCE #
SOURCE #
                   23
24
                                                                                                 1.400E-07
1.721E-07
1.370E-08
                                                                                                                                          1.400E-07
1.721E-07
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                   25
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                           1.370E-08
SOURCE #
                   26
27
                                                                                                                                          2.931E-07
3.036E-07
                                                                                                 2.931E-07
3.036E-07
                                                                                                                     0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                            3.036E-07
3.075E-08
                                                                                                                                                                                   0.000E+00
                                    3.036E-07
                                   3.075E-08
2.544E-08
                                                                                                  3.075E-08
                                                                                                                      0.000E+00
                                                                                                                                          3.075E-08
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                   29
30
SOURCE #
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                            2.544E-08
                                                                                                 2.544E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          2.544E-08
                                                                                                                                          4.653E-08
1.285E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                       4.653E-08
1.285E-07
2.209E-07
                                                                            4.653E-08
1.285E-07
2.209E-07
                                    4.653E-08
                                                                                                 4.653E-08
1.285E-07
                   31
                                                                                                                      0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                   1.285E-07
2.209E-07
                   32
                                                                                                                                          2.209E-07
                                                                                                  2.209E-07
                                                                                                                      0.000E+00
                   33
                                                                                                                                          4.698E-07
4.934E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                             4.698E-07
4.934E-07
6.553E-07
                                                                                                  4.698E-07
                                    4.698E-07
                                                        4.698E-07
                                                        4.934E-07
6.553E-07
                                                                                                  4.934E-07
                                                                                                                      0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                   35
                                   4.934E-07
6.553E-07
                                                                                                 6.553E-07
4.188E-08
                                                                                                                                          6.553E-07
4.188E-08
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                   36
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                    4.188E-08
                                                         4.188E-08
                                                                             4.188E-08
                                                                             8.948E-07
                                                        8.948E-07
9.676E-07
                                                                                                  8.948E-07
                                                                                                                      0.000E+00
                                                                                                                                           8.948E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                   38
                                    8.948E-07
                                                                             9.676E-07
9.582E-08
2.463E-07
                                                                                                 9.676E-07
9.582E-08
2.463E-07
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                           9.676E-07
9.582E-08
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                    9.676E-07
                   40
                                    9.582E-08
                                                         9.582E-08
                41
42
                                                                                                                      0.000E+00
                                                                                                                                           2.463E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                    2.463E-07
                                                        2.463E-07
                                                                             1.342E-07
                                                                                                 1.342E-07
                                                                                                                      0.000E+00
                                                                                                                                          1.342E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                        1.342E-07
                                   1.342E-07
SOURCE #
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                        11/07/95 09:41:42
                                                                                                                                                                                                              Page -
SOURCE #
SOURCE #
SOURCE #
SOURCE #
VIRCE #
                                                                            1.967E-07
5.915E-08
1.494E-08
1.916E-08
4.098E-08
                                                                                                                      0.000E+00
                                                                                                                                           1.967E-07
                                                                                                                                                               0.000E+00
                                                       1.967E-07
5.915E-08
                                                                                                 1.967E-07
                                    1.967E-07
                                                                                                                                          5.915E-08
1.494E-08
1.916E-08
4.098E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                    5.915E-08
1.494E-08
                                                                                                 5.915E-08
                                                                                                                      0.000E+00
                   44
                                                                                                 1.494E-08
1.916E-08
4.098E-08
                                                                                                                     0.000E+00
0.000E+00
                                                        1.494E-08
                                                       1.916E-08
4.098E-08
                                                                                                                                                                                   0.000E+00
                   46
                                    1.916E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                               0.000E+00
                                    4.098E-08
9.073E-08
                                                        9.073E-08
                                                                             9.073E-08
2.044E-08
                                                                                                  9,073E-08
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                           9.073E-08
                                                                                                                                                               0.000E+00
                   48
                                                                                                                                           2.044E-08
                                                                                                                                                               0.000E+00
                                                       2.044E-08
                                                                                                  2.044E-08
                                    2.044E-08
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                             1.612E-08
                                                                                                  1.612E-08
                                                                                                                      0.000E+00
                                                                                                                                           1.612E-08
                                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
                   50
51
52
                                                       1.612E-08
4.072E-09
                                    1.612E-08
4.072E-09
                                                                             4.072E-09
5.222E-09
1.117E-08
                                                                                                 4.072E-09
5.222E-09
1.117E-08
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           4.072E-09
5.222E-09
1.117E-08
                                                                                                                                                               0.000E+00
0.000E+00
                                                       5.222E-09
1.117E-08
2.473E-08
                                  5.222E-09
1.117E-08
2.473E-08
                                                                                                                                                             0.000E+00
0.000E+00
                   53
                                                                            2.473E-08
 SOURCE #
                                                                                                 2.473E-08
                                                                                                                      0.000E+00
                                                                                                                                         2.473E-08
```

```
5.569E-09
1.568E-07
3.961E-08
5.079E-08
                                                              5.569E-09
1.568E-07
3.961E-08
5.079E-08
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                5.569E-09
                                                                                                0.000E+00
                                                                                                                 5.569E-09
SOURCE #
                             5.569E-09
1.568E-07
                                                                                                                 1.568E-07
3.961E-08
                                                                                                                                                   0.000E+00
0.000E+00
                                                                               1.568E-07
3.961E-08
                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                5.079E-08
                                                                                                0.000E+00
                                                                                                                 5.079E-08
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
               58
59
                             5 079E-08
                                                                                                                                                   0.000E+00
                                              1.08/E-0/
2.406E-07
5.419E-08
                                                                                                                 1.087E-07
                                                                                                                                  0.000E+00
                             1.087E-07
                                                               1.087E-07
                                                                                1.087E-07
2.406E-07
                                                                                                0.000E+00
   RCE #
                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                             2.406E-07
5.419E-08
0.000E+00
                                                               2.406E-07
               60
                                                                                                                 5.419E-08
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                               5.419E-08
                                                                                5.419E-08
                                                                                                0.000E+00
               61
62
SOURCE #
                                                                                                                                                   0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
SOURCE #
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                0 000E+00
                             0.000E+00
                                              0.000E+00
0.000E+00
                                                               0.000E+00
               63
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
               64
                             0.000E+00
0.000E+00
SOURCE #
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                                0.000E+00
SOURCE #
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                0.000E+00
                                                               0.000E+00
                             0.000E+00
                                              0.000E+00
               66
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
SOURCE
               67
                             0.000E+00
                                                                                                                                  0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                             0.000E+00
SOURCE #
               68
                                                                                                                                  0.000E+00
                                                                                9.290E-06
                                                                                                0.000E+00
                                                                                                                 9.290E-06
                                                                                                                                                   0.000E+00
                            9.290E-06
                                              9 290E-06
                                                               9.290E-06
                  SUM =
                              ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 4.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT Mn
                                                                                      KIDN
                                                                                                     LIVER
                                                                                                                       REPRO
                                                                                                                                         RESP
                                                      CNS
                                                                    IMMUN
                                                                                                                 0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                             0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
SOURCE #
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
SOURCE #
SOURCE #
                2
                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                 0.000E+00
                             0.000E+00
0.000E+00
                 5
                                              0.000E+00
                                                                                                                                  0.000E+00
                                              0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
SOURCE #
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                               0.000E+00
0.000E+00
                             0.000E+00
                                              0.000E+00
SOURCE #
                 6
7
                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
SOURCE #
                             0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
SOURCE #
                 8
9
                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
               10
                             0.000E+00
                                              0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
SOURCE #
SOURCE #
SOURCE #
               11
12
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                13
                             0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                              0.000E+00
                                                                0.000E+00
               14
15
16
                                              0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                  0 000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
SOURCE #
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
               17
                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 262
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -
                                                              ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                             0.000E+00
SOURCE #
                19
                                              0.000E+00
0.000E+00
                20
                             0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
               21
22
                             0.000E+00
    RCE #
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                             0.000E+00
    JRCE #
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
SOURCE #
                23
                             0.000E+00
                                                               0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
SOURCE #
               24
25
                             0.000E+00
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                              0.000E+00
0.000E+00
                26
                             0.000E+00
SOURCE #
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                             0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
SOURCE #
                2.7
                28
                             0.000E+00
                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                29
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                             0.000E+00
SOURCE #
                30
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
                             0.000E+00
                                              0.000E+00
SOURCE #
                31
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                32
                             0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
SOURCE #
                             0.000E+00
                33
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
SOURCE #
SOURCE #
                34
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                36
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                37
SOURCE #
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
                38
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
SOURCE #
                39
                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
SOURCE #
                40
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                41
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                42
SOURCE #
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
SOURCE #
                43
                44
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
                             0.000E+00
                                              0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
SOURCE #
                46
47
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                48
                             0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
SOURCE #
                49
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                50
                             0.000E+00
                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                51
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
                52
                53
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                 0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                                                                                0 000E+00
                              0.000E+00
                                                                0.000E+00
SOURCE #
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                55
                             0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
SOURCE #
                56
                                                                                                 0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0 000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                0.000E+00
                                              0.000E+00
0.000E+00
 SOURCE #
                58
                             0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
SOURCE #
                59
                                              0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                              0.000E+00
                                                                                0 000E+00
                60
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
 SOURCE #
                61
                              0.000E+00
                                                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                              0.000E+00
SOURCE #
                62
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                63
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                 0.000E+00
                64
65
66
67
                                              0.000E+00
0.000E+00
    JRCE #
                              0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                              0.000E+00
  JRCE #
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                              0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
SOURCE #
                68
                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
```

11/07/95 09:41:42 Page - 263

Output File: g:\ace\GQ91\GQPACE.OUT

SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 3.000E-04 POLLUTANT Hg
 CV
 CNS
 IMMUN
 KIDN
 LIVER
 REPRO
 RESP
 SKIN

 0,000E+00
 REPRO RESP IMMUN KIDN LIVER SOURCE # 1
SOURCE # 2
SOURCE # 3 2 0.000E+00
3 0.000E+00
4 0.000E+00
5 0.000E+00
6 0.000E+00
7 0.000E+00
9 0.000E+00
11 0.000E+00
12 0.000E+00
13 0.000E+00
14 0.000E+00
15 0.000E+00
16 0.000E+00
17 0.000E+00
18 0.000E+00
20 0.000E+00
21 0.000E+00
22 0.000E+00
23 0.000E+00
24 0.000E+00
25 0.000E+00
26 0.000E+00
27 0.000E+00
28 0.000E+00
29 0.000E+00
20 0.000E+00
31 0.000E+00
32 0.000E+00
33 0.000E+00
33 0.000E+00
34 0.000E+00
35 0.000E+00
36 0.000E+00
37 0.000E+00
38 0.000E+00
39 0.000E+00
31 0.000E+00
33 0.000E+00
34 0.000E+00
35 0.000E+00
36 0.000E+00
37 0.000E+00
38 0.000E+00
39 0.000E+00
39 0.000E+00
39 0.000E+00
40 0.000E+00
41 0.000E+00
41 0.000E+00 SOURCE # SOURCE #
SOURCE #
SOURCE # SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE # SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE # 0.000E+00 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 264 Input File: g:\ace\GQ91\GQPACE.DAT SOURCE #
SOURCE # 0.000E+00 0.000E+00 43 44 45 46 47 48 0.000E+00 0.000E+00 46 0.000E+00
47 0.000E+00
48 0.000E+00
49 0.000E+00
50 0.000E+00
51 0.000E+00
52 0.000E+00
53 0.000E+00
54 0.000E+00
55 0.000E+00
56 0.000E+00
57 0.000E+00
58 0.000E+00
60 0.000E+00
61 0.000E+00
62 0.000E+00
63 0.000E+00
64 0.000E+00
65 0.000E+00
66 0.000E+00
67 0.000E+00 $SUM = 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00$ 0.000E+00 ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.400E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00 POLLUTANT Ni IMMUN KIDN I.TVER REPRO
 0.000E+00
 0.000E+00
 3.258E-09
 0.000E+00

 0.000E+00
 0.000E+00
 5.958E-09
 0.000E+00

 0.000E+00
 0.000E+00
 1.645E-08
 0.000E+00

 0.000E+00
 0.000E+00
 2.828E-08
 0.000E+00

 0.000E+00
 0.000E+00
 6.015E-08
 0.000E+00
 RCE #
SOURCE #
SOURCE #
SOURCE # 0.000E+00 0.000E+00 3.258E-09 3.258E-09 0.000E+00 0.000E+00 5.958E-09 5.958E-09 0.000E+00 0.000E+00 1.645E-08 1.645E-08 0.000E+00 0.000E+00 2.828E-08 2.828E-08 0.000E+00 0.000E+00 6.015E-08 6.015E-08 3.258E-09 3.258E-09 5.958E-09 5.958E-09 1.645E-08 1.645E-08 2.828E-08 2.828E-08 1 2 3 4 5

```
6.318E-08
                                                                                                                                            6.318E-08
8.391E-08
5.363E-09
1.145E-07
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                                                        6.318E-08
8.391E-08
5.363E-09
1.145E-07
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                  0.000E+00
                                                                                                                                                                                    8.391E-08
5.363E-09
1.145E-07
                                                                   0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                   0.000E+00
   ***URCE #
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
           CE #
                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                1.239E-07
                                                                                                                                                                                      1,239E-07
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                         1.239E-07
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         1.227E-08
 RCE #
SOURCE #
                                    11
12
                                                                  0.000E+00
0.000E+00
                                                                                                                                                1.227E-08
                                                                                                                                                                                     1.227E-08
6.120E-07
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                               1.227E-08
6.120E-07
2.832E-07
3.473E-08
6.169E-08
4.097E-07
1.934E-07
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                        6.120E-07
2.832E-07
                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                2.832E-07
3.473E-08
6.169E-08
4.097E-07
1.934E-07
                                     13
                                                                   0.000E+00
                                                                                                                                                                                                                             0 000E+00
                                                                                                                                                                                                                                                                   0 000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                  0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                         3.473E-08
                                   14
15
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        6.169E-08
4.097E-07
                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                 16
17
                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                         1.934E-07
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                                                                                                                                                                                          11/07/95 09:41:42
                                                                                                                                                                                                                                                                                                                                                                                                Page -
                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                     3.557E-08
                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                 0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

                                                                                                                                            3.557E-08
                                                                                                                                                                                                                             0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                                                     3.557E-08
                                                                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         3.55/E-08
7.231E-09
7.231E-09
7.231E-09
1.314E-08
3.629E-08
6.134E-08
6.134E-08
1.276E-07
1.215E-07
1.215E-07
1.493E-07
1.493E-07
1.493E-07
2.634E-07
1.403E-07
1.403E-07
1.403E-07
1.28E-07
5.128E-07
5.387E-07
5.387E-07
5.387E-07
7.154E-07
4.572E-08
9.764E-07
1.056E-06
1.046E-07
1.346E-07
1.346E-08
1.075E-08
1.075E-07
6.455E-08
1.631E-08
2.091E-08
2.091E-08
2.230E-08
1.759E-08
1.759E-
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        7.231E-09
1.314E-08
3.629E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
                              19
20
SOURCE #
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         6.134E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.276E-07
1.215E-07
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         1.493E-07
                                                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.189E-08
2.543E-07
                                                                                                                                                                                                                                                                                                        2.634E-07
2.669E-08
2.777E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                         5.080E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.403E-07
2.411E-07
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                          5.128E-07
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        5.387E-07
7.154E-07
SOURCE #
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                         4.572E-08
                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        9.764E-07
1.056E-06
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                        1.046E-07
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.346E-07
7.336E-08
                                                                                                                                                                                                                                                                                                       7.336E-08
1.075E-07
6.455E-08
1.631E-08
2.091E-08
4.474E-08
9.909E-08
2.230E-08
1.759E-08
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                           0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        5.700E-09
1.219E-08
2.700E-08
                                                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        6.081E-09
1.711E-07
4.323E-08
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                       5.544E-08
1.186E-07
2.626E-07
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                         5.915E-08
                                                                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0 000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                        0 000E+00
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.OUT * Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                                                                                                                                           11/07/95 09:41:42 Page -
                                           SUM = 0.000E+00 0.000E+00 8.997E-06 8.997E-06 0.000E+00 0.000E+00 8.997E-06 0.000E+00
              POLLUTANT NAPTH ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 1.400E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 4.000E-03
                                                                                                                                                                                                                                        LIVER
                                                                                                                                                                                                                                                                                                                         RESP
                                                                                                                                                                                                                                                                               REPRO
                                                                                                                                                         IMMUN
                                                                                                     0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                          0.000E+00
0.000E+00

    0.000E+00
    0.000E+00
    0.000E+00

    0.000E+00
    0.000E+00
    0.000E+00

    0.000E+00
    0.000E+00
    0.000E+00

                                                                   0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                       3 4 5
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
SOURCE #
**ICE #
**SOURCE #
SOURCE #
                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                       6
7
8
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                   0.000E+00
                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                    10
                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                    11
12
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                           0.000£+00
                                           0.000E+00
                                                           0.000E+00
                                                                          0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0,000E+00
                                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
              20
                           0.000E+00
                                                                                                                                          0.000E+00
              21
                                                           0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
   TRCE #
                           0.000E+00
              22
23
24
                           U.000E+00
                                                                                          0.000E100
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0,000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
   RCE #
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
JRCE #
                                           0 000E+00
                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0 000E+00
                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
              26
                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                           0.000E+00
              27
                                                                                                                                          0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                           0.000E+00
0.000E+00
                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
              29
                           0 000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
              30
SOURCE #
                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                           0.000E+00
SOURCE #
              32
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
SOURCE #
              35
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
              36
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                           0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
              37
                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
SOURCE #
              38
                                                           0.000E+00
0.000E+00
0.000E+00
                           0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0 000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
SOURCE #
                                                                                                          0.000E+00
              40
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
              41
                                                                                                                                          0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
              42
                           0.000E+00
SOURCE #
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 267
GOLDEN OUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                          PM10
                                                            Output File: g:\ace\GQ91\GQFACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0 000E+00
                                                                           0,000E+00
                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
              45
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                           0.000E+00
SOURCE #
                                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
               48
               49
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
SOURCE #
                           0.000E+00
                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
              51
52
                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                          0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
SOURCE #
                                                                                                                          D.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
SOURCE #
               53
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
              54
55
SOURCE #
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
                                                           0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                           0.000E+00
                                                                           0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
SOURCE #
               57
                                                                                                                          0.000E+00
0.000E+00
SOURCE #
               58
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
SOURCE #
               59
                           0.000E+00
                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                           0.000E+00
 OURCE #
               60
                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          U. UUUETUU
               61
                            0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                                                                           0.000E+00
               62
                            0.000E+00
                                                           0.000E+00
                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0 D00E+00
SOURCE #
               63
                                                                                                                                          0.000E+00
               64
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.0005+00
                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
               65
                            0.000E+00
                                            0.000E+00
                           0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.DD0E+00
SOURCE #
                                                           0.000E+00
               66
67
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E±00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
                                            0.0005+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                                                          0 000E+00
                                                                                                                                          0.000E+00
                                                                                                           0.000E±00
                                            0.000E+00
                                                           0.000E+00
                                                                           6 000E+00
                                                                                           0.000E+00
                           0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 5.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT Se
                                                                                                LIVER
                                                                                                                REPRO
                                                                                                                                 RESP
                                                                                                                                                 SKIN
                                                                                                                                          0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          D.000E+00
SOURCE #
SOURCE #
                                                           0 000E+00
                1 2
                           0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                           0,000E+00
                                            0.000E+00
                3 4 5
                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
SOURCE #
                           0.000E+00
                                            0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                6
7
8
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
SOURCE #
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                                                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
SOURCE #
               11
                                                                                                                          0.000E+00
                                                                                                           0.000E+00
               īž
                           0,000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                            0,000E+00
                                                            0.000E+00
                                                            0,000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              14
15
                            0 000E+00
                                                                                                                                          0.000E+00
                                            0.000E+00
                                                            0,000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                            0.000E+00
SOURCE #
              17
                            0.000E+00
                                            0.000E+00
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  11/07/95 09:41:42
                                                                                                                                                              Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
                                                                                           0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               19
                            0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           n none+on
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               21
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
URCE #
IRCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               22
23
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               24
25
26
                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0,000E+00
                                                                                                           0.000E+00
                                                                                                                                           0 000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
               28
29
                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
```

```
0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
SOURCE #
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
SOURCE #
                 31
32
                                0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                   0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
   YRCE #
                 33
                                0.000E+00
                                                                      0.000E+00
                                                                                                            0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                      0.000E+00
RCE #
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                 34
35
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                 36
37
                                0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                      0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                0.000E+00
                                                   0.000E+00
                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                0.000E+00
0.000E+00
                 39
                 40
                                                                      0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                 42
43
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                 44
                                                                                                                                                                     0.000E+00
SOURCE #
                 45
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                 46
                                0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                 47
                                                                                                                                                                     0.000E+00
                 48
                 49
                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                 51
52
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                 53
54
55
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                 56
57
58
                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                   0.000E+00
                                                                       0.000E+00
                 59
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
SOURCE #
                 60
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                 61
                                0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                      0.000E+00
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                 62
                                                   0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                      0.000E+00
SOURCE #
                 64
65
66
                                0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                      0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                      0.000E+00
SOURCE #
SOURCE #
                                                                       0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                      0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                                      0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                      0.000E+00
SOURCE #
                                                                       0.000E+00
                                                                                          0.000E+00
               68
                                                    0.000E+00
                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                            PM10
                                                                                                                                                           11/07/95 09:41:42
                                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                              Page ·
Input File: g:\ace\GQ91\GQPACE.DAT
                    SUM = 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00
                                                                                                                                                                     0.000E+00
                              ACCEPTABLE EXPOSURE LEVEL (ug/m3) - 2.000E+02 BACKG. (ug/m3) - 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
      FOLLUTANT TOL.
                                                                                                 KIDN
                                                                                                                  LIVER
                                                                                                                                     REPRO
                                                                                                                                                          RESP
                                                                                                                                                                              SKIN
                                                           CNS
                                                                            IMMUN
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                     0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                             0.000E+00
                  12345678
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                      0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                0.000E+00
                                                                       0.000E+00
                                                                                                             0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                0.000E+00
                                                                                                             0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                 11
12
                                                                                                                                                                     0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                             0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                 14
15
                                                                                                                                0.000E+00
```

SOURCE # SOU 0.000E+00 17 0.000E+00 0.000E+00 0.000E+00 18 19 0.000E+00 21 22 23 24 0.000E+00 25 0.000E+00 26 27 0.000E+00 28 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 SOURCE #
SOURCE # 0.000E+00 30 31 0.000E+00 0,000E+00 SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
COURCE #
IRCE #
IRCE # 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 32 0.000E+00 0.000E+00 0.000E+00 33 34 35 0.000E+00 36 37 0.000E+00 39 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 40 0.000E+00 SOURCE # 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 270

```
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
              44
45
                                                                                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                             0.000E+00
                                                            0.000E+00
    RCE #
              46
                                            0.000E+00
                            0.000E+00
                                                                                                                                             0.000E+00
                                                                                                            0.000E100
                                                                                                                             0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
   RCE #
                            0.000E+00
                                                            0 000E+00
               48
                                                                                            0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                             0.000E+00
SOURCE #
              49
50
                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                            0.000E+00
               51
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                                                                                             0 000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
              52
53
                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
               54
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                            0.000E+00
SOURCE #
SOURCE #
              55
56
                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
               57
                                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
              58
59
SOURCE #
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
               60
                                                                                             0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                             0.000E+00
SOURCE #
              61
62
                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
               63
                            0.000E+00
                                            0.000E+00
SOURCE #
                                                                                                                                             0.000E+00
                            0.000E+00
0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
              64
65
SOURCE #
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
SOURCE #
                                                                                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
SOURCE #
               66
                            0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                            0.000E+00
SOURCE #
               67
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                             0.000E+00
                            0.000E+00
                                            0.000E+00
                                                             0-000E+00
                                                                                                                             0 000E+00
                                                                                                                                             0.000E+00
                                                                                             0 000E+00
                                                                                                             0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                 SUM =
                            0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.000E+02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLILITANT XYLEN
                                                                                                                  REPRO
                                                                 TMMUN
                                                                                   KIDN
                                                                                                  LIVER
                                                    CNS
                                                                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                             0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                             0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                             0.000E+00
SOURCE #
                3 4 5
                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                                             0 000E+00
SOURCE #
                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
SOURCE #
                6
7
8
9
                            0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                                              0.000E+00
                                                            0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0 000E+00
                                            0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
SOURCE #
              10
11
                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
 RCE #
               12
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E100
                                                                                                             0.000E+00
               13
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                             0.000E+00
                                             0.000E+00
                            0.000E+00
    RCE #
               14
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                             0.000E+00
SOURCE #
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
               16
                                                                                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
 SOURCE #
                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                             PM10
                                                              Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                      11/07/95 09:41:42
                                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
SOURCE #
SOURCE #
                                             0.000E+00
                                                             0.000E+00
                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                            0.000E+00
               21
22
 SOURCE #
                                                                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                             0 000E+00
                            0.000E+00
SOURCE #
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
               23
24
25
                                                                                             0.000E+00
                            0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
0.000E+00
                            0.000E+00
 SOURCE #
                                                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
 SOURCE #
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                             0.000E+00
                                                             0.000E+00
               26
27
                            0.000E+00
                                             0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
 SOURCE #
                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                             0.000E+00
               28
 SOURCE #
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                             0.000E+00
               29
                            0.000E+00
 SOURCE #
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
 SOURCE #
               30
                            0.000E+00
                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
 SOURCE #
               31
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
               32
                                             0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
               33
                            0.000E+00
                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
 SOURCE #
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
               34
35
                                                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
 SOURCE #
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
 SOURCE #
               37
                                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
               38
                            0.000E+00
                                             0.000E+00
                                                                             0.000E+00
 SOURCE #
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
 SOURCE #
               39
                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
0.000E+00
 SOURCE #
                            0.000E+00
               40
                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               41
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
 SOURCE #
                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                            0.000E+00
0.000E+00
               43
                                                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
               44
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
               45
                            0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
 SOURCE #
SOURCE #
               46
                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
               49
50
                            0.000E+00
 SOURCE #
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
0.000E+00
 SOURCE #
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
               51
52
53
                             0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
  JRCE #
JRCE #
JURCE #
                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
               54
55
56
                                                                              0.000E+00
                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
 SOURCE #
SOURCE #
                            0.000E+00
0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
 SOURCE #
                            0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

SOURCE #

```
SOURCE #
SOURCE #
                                                  0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
                                0=000E+00
                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                           0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                 61
                                 0-000E+00
                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
   VRCE #
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E:00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
     KCE #
                                 0.000E+00
RCE #
SUURCE #
SOURCE #
SOURCE #
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                 64
65
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                   0.000E+00
0.000E+00
                 67
                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                 68
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                              * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                           11/07/95 09:41:42 Page - 272
                                                                                                                                                 0.000E+00 0.000E+00
                    SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                  ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.500E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
      POLLUTANT Zn
                                                             CNS
                                                                                                KIDN
                                                                                                                  LIVER
                                                                                                                                    REPRO
                                                                                                                                                        RESP
                                                                                                                                                                            SKIN
                                                                            IMMUN
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                                                  0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                 0,000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                  2
3
4
5
                                                                                                                                                                    0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                  6
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                  8
                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                 10
                                 0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                 11
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                 12
13
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                 0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                 15
16
                                 0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
                                                                      0.000E+00
0.000E+00
                 17
                                0.000E+00
                                                  0.000E+00
                                                                                         0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                 18
19
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                         0.000E+00
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                 20
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                 21
22
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                 23
24
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                 25
                                 U.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E100
    RCE #
                                                                                                                              0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                 26
27
                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
0.000E+00
    RCE #
                                                                                                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                    0.000E100
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                 29
30
31
                                0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                   0,000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.00DE+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                 32
33
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
SOURCE #
SOURCE #
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                 35
                                0.000E+00
                                                  0.000E+00
                                                                                         0.000E+00
                                                                                                            0.0002+00
                                                  0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                            0.000E+00
                 36
37
                                0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                     0.000E+00
                 39
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+D0
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                 40
                                                                                                                              0.000E+00
                 41
                                 0.000E+00
                                                   0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                 42
                                 0.0002+00
                                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQFACE.DAT
                                                                                                                               * OUTFUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 273
                                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                 0.000E+00
                                                  0.000E+00
                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                            0.000E+00
                 44
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                 46
                                 0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                 47
                                                                                                                                                                    0.000E+00
                 48
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                 49
                                 0.000E+00
                                                  0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                 50
51
52
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                 53
54
55
                                                  0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                 56
57
58
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                0.000E+00
                                                                                                            0.000E+00
                                                  0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
0.000E+00
                                                  0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                 59
                                0.000E+00
                                                  0.000E+00
                 60
61
                                                   0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
                 62
                                0.000E+00
                                                   0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                 63
64
65
                                0.000E+00
0.000E+00
                                                    0.000E+00
                                                                                          0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
JRCE #
SOURCE #
SOURCE #
                                                                       0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                 66
67
                                 0.000E+00
                                                    0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                                                             0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                    SUM = 0.000E+00 0.000E+00
                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
```

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 274

*** SUMMARY OF MAXIMUM PREDICTED RISKS ***

CANCER RISK ASSESSMENT

SIGNIFICANT RISK LEVEL = 1.000E-06 IMPACT ZONE RISK LEVEL = 1.000E-07 MAXIMUM PEAK RISK = 2.042E-06 PREDICTED AT RECEPTOR # 134 TOTAL EXCESS BURDEN = 0.000E+00

8 RECEPTORS WITH RISK EXCEEDING SIGNIFICANT RISK LEVEL OF 1.000E-06

126 127 128 132 133 134 242 244

ACUTE EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX = 0.5000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT = 0.0157
PREDICTED AT RECEPTOR # 40

O RECEPTORS WITH HAZARD INDEX .GE. 0.5000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

CHRONIC EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX = 0.5000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT = 0.0287
PREDICTED AT RECEPTOR # 69

O RECEPTORS WITH HAZARD INDEX .GE. 0.5000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 275

*** END OF ACE2588 SIMULATION ***



APPENDIX H

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 1

***** A C E 2 5 8 8 --- ASSESSMENT OF CHEMICAL EXPOSURE FOR AB 2588 --- VERSION 93288-ACE2 *****

*** A MULTI-SOURCE, MULTI-POLLUTANT, MULTI-PATHWAY RISK ASSESSMENT MODEL
DEVELOPED BY APPLIED MODELING INC. AND SANTA BARBARA COUNTY APCD ***

Distributed and Maintained by CAPCOA

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 2

*** INPUT MODELING PARAMETERS ***

IDODIS = 1 ==> ISCST DISPERSION MODELING WITH SEQUENTIAL METEOROLOGY ANNUAL CONCENTRATIONS COMPUTED AS AVERAGES OF 1-HOUR CONC.

IDORISK = 0 ==> FULL MODEL RUN FOR RISK ASSESSMENT FROM ALL SOURCES AT ALL RECEPTORS

IDOACU = 1 ==> NONCANCER ACUTE EXPOSURE PERFORMED

IDOPRT = 0 ==> DIAGNOSTIC PRINT OUTPUT NOT CREATED

IDENTIFICATION NUMBERS OF MODELED POLLUTANTS:

1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998

GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 3

*** POLLUTANT-SPECIFIC DATA ***

ME		SYMBOL	NUM	UNIT RISK (ug/m3)-1	POTENCY (mg/kg-d)		CHRONIC AE: (ug/m3)	L ORAL DOSE (mg/kg-d)	: CV	CHR		C TO		DPO: PRE								INTS RE	
Acetalde	hyde	ACETA	1	2.70E-06	0.00E+00	0.00E+00	9.00E+00	0.00E+00	0	0	0	0 () (1	0	0	0	0	0	0	0	0	0
Acrolein		ACROL	3	0.00E+00	0.00E+00	2.50E+00	2.00E-02	0.00E+00	0	0	0	0 () (1	0	0	0	0	0	0	0	1	0
Arsenic		As	10	3.30E-03	1.70E+00	0.00E+00	5.00E-01	1.00E-03	1	1	0	0 () () 1	1	0	0	0	0	0	0	0	0
Benzene		BENZE	13	2.90E-05	0.00E+00	0.00E+00	7.10E+01	0.00E+00	0	1	0	0 1) (0	0	0	0	0	0	0	0	0	0
Berylliu	m	Be	17	2.40E-03	4.30E+00	0.00E+00	4.80E-03	5.00E-03	0	0	0	0 (0) 1	0	0	0	0	0	0	0	0	0
Cadmium		Cd	22	4.20E-03	0.00E+00	0.00E+00	3.50E+00	1.00E-03	0	0	0	1 () () 1	0	0	0	0	0	0	0	0	0
Chromium	(hex.)	Cr	36	1.40E-01	4.20E-01	0.00E+00	2.00E-03	5.00E-03	0	0	0	1	l C) 1	0	0	0	0	0	0	0	0	0
Copper	(Cu	38	0.00E+00	0.00E+00	1.00E+01	2.40E+00	0.00E+00	0	0	0	0 1) (1	0	0	0	0	0	0	0	1	0
Formalde	hvde	HCHO	70	6.00E-06	0.00E+00	3.70E+02	3.60E+00	0.00E+00	0	0	0	0 1) (1	0	0	0	0	0	0	0	1	0
Hydrogen		HCN	79	0.00E+00	0.00E+00	3.30E+03	7.00E+01	0.00E+00	0	1	0	0 1) (0	0	0	1	0	0	0	0	0	0
Lead	•, ••••	Pb	83	8.00E-05	0.00E+00	0.00E+00	1.50E+00	4.30E-04	1	1	1	1 () 1	. 0	0	0	0	0	0	0	0	0	0
Manganes	0	Mn	85	0.00E+00	0.00E+00	0.00E+00	4.00E-01	0.00E+00	0	1	0	0) (1	0	0	0	0	0	0	0	0	0
Mercury	-	Hg	87	0.00E+00	0.00E+00	3.00E+01	3.00E-01	3.00E-04	1	1	0	1	1 (1	0	0	1	0	1	1	0	0	0
Nickel		Ni	111	2.60E-04	0.00E+00	1.00E+00	2.40E-01	0.00E+00	0	0	1	1 () (1	0	0	0	1	0	0	0	0	0
Naphthal	ene	NAPTH	110	0.00E+00	0.00E+00	0.00E+00	1.40E+01	4.00E-03	1	0	0	0) (0	0	0	0	0	0	0	0	0	0
Polycycl			130	1.70E-03	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0	0	0	0) (0	0	0	0	0	0	0	0	0	0
Propylen		PROPL	134	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0	0	0) (0	0	0	0	0	0	0	0	0	0
Selenium		Se	137	1.40E-04	0.00E+00	2.00E+00	5.00E-01	0.00E+00	0	0	0	0) () 1	0	0	0	0	0	0	0	1	0
Toluene		TOL	145	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00	0	1	0	0) 1	. 0	0	0	0	0	0	0	0	0	0
Xylene		XYLEN	151	0.00E+00	0.00E+00	4.40E+03	3.00E+02	0.00E+00	0	0	0	0) 1	1	0	0	0	0	0	0	0	1	0
Zinc		Zn	152		0.00E+00	0.00E+00	3.50E+01	0.00E+00	1	0	0	0	0) 1	0	0	0	0	0	0	0	0	0
NonToxic	PM10	NTXPM	998	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0	0	0) (0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF MODELED POLLUTANTS = 22

NUMBER OF CARCINOGENIC POLLUTANTS = 13

1 10 13 17 22 36 70 83 111 130 137

NUMBER OF MULTIPATHWAY POLLUTANTS = 8

10 17 22 36 83 87 110 130

NUMBER OF POLLUTANTS WITH ACUTE NON-CANCER RISK = 8

3 38 70 79 87 111 137 151

MAXIMUM NUMBER OF ACUTE TOXICOLOGICAL ENDPOINTS = 3

NUMBER OF POLLUTANTS WITH CHRONIC NON-CANCER RISK = 19

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 4

MAXIMUM NUMBER OF CHRONIC TOXICOLOGICAL ENDPOINTS =

REQUIRED TOTAL ARRAY SIZE = 1331352 WORDS

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 5

*** INPUT SOURCE EMISSION RATES ****

	FOR SOURCE # OPERATING HOURS	1 DRILLING_PIT1 = 8760.00	SURFACE AREA (m2) =	2.560E+04	DEPOSITION ADJUST,	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR (g/s)	RATE	ANNUAL 1	RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151	(g/s) 0.000E+00 0.000E+00 3.382E-07 0.000E+00 2.040E-07 1.220E-08 1.983E-09 0.000E+00	(lb/hr) 0.000E+00 0.000E+00 2.684E-06 0.000E+00 1.619E-06 9.683E-08 1.574E-08 0.000E+00	(g/s) 0.000E+00 0.000E+00 3.111E-08 0.000E+00 5.050E-09 1.117E-09 2.060E-10 0.000E+00	(1b/yr) 0.000E+00 0.000E+00 2.163E-03 0.000E+00 3.511E-04 7.766E-05 1.432E-05 0.000E+00 0.000E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00		
And the second					DEPOSITION ADJUST.			
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (1b/hr)	ANNUAL :	RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu	1 3 10 13 17 22 36 38	0.000E+00 0.000E+00 5.284E-07 0.000E+00 3.187E-07 1.906E-08 3.099E-09 0.000E+00	0.000E+00 0.000E+00 4.194E-06 0.000E+00 2.529E-07 2.460E-08 0.000E+00	0.000E+00 0.000E+00 4.861E-08 0.000E+00 7.891E-09 1.746E-09 3.218E-10 0.000E+00	0.000E+00 0.000E+00 3.380E-03 0.000E+00 5.486E-04 1.214E-04 2.237E-05 0.000E+00		
GOLDEN QU Input Fi	UEEN MINING - SOI le: g:\ace\GQ91\0	LEDAD MTN PROJECT	- ALL RECEPTORS, 199 Output File: g:\	1 MET, TSP ace\GQ91\GQTPA	* OUTPUT OF AMI/	SBCAPCD ACE2 11/07/95	2588 MODEL 09:51:16	VERS. 93288 * Page - 6
	HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 1.843E-07 0.000E+00 0.000E+00 1.612E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.463E-06 0.000E+00 1.279E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.090E-08 0.000E+00 0.000E+00 1.513E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.578E-04 0.000E+00 1.052E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.475E+01		
	FOR SOURCE # OPERATING HOURS		SURFACE AREA (m2) =	1.225E+05	DEPOSITION ADJUST.	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (1b/hr)	ANNUAL	RATE (lb/yr)		
)	ACETA ACROL As BENZE Be Cd Cr Cu	1 3 10 13 17 22 36 38	0.000E+00 0.000E+00 1.618E-06 0.000E+00 9.760E-07 5.837E-08 9.491E-09 0.000E+00	0.000E+00 0.000E+00 1.284E-05 0.000E+00 7.746E-06 4.633E-07 7.533E-08 0.000E+00	0.000E+00 0.000E+00 1.489E-07 0.000E+00 2.417E-08 5.347E-09 9.856E-10 0.000E+00	0.000E+00 0.000E+00 1.035E-02 0.000E+00 1.680E-03 3.717E-04 6.852E-05 0.000E+00		

```
3.173E-04
3.511E-04
3.914E-04
              0.000E+00
0.000E+00
    571
572
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     9.818E+00
                             0.000E+00
                                            3.069E-02
3.422E-02
                                                           0.000E+00
0.000E+00
                                                                                         1.086E-03
                                                                          3.604E-02
                                                                                                                                                     9 118E+00
                                                                          4.018E-02
                                                                                         1,204E-03
                                                                                                                      0.000E+00
                                                                                                                                     0-000E+00
    573
              0.000E+00
                             0.000E+00
                                                                                                                                                     8 755E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            3.663E-02
                                                           0.000E+00
                                                                          4.301E-02
                                                                                         1 295E-03
                                                                                                        4 191E-04
    74
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.657E+00
                                                                                                        4.326E-04
                                                                                                                       0.000E+00
                                            3.780E-02
3.785E-02
                                                                                         1.343E-03
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                          4.439E-02
                                                           0.000E+00
                                                                                         1.352E+03
                                                                                                        4.332E-04
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     7.666E+00
     76
              0.000E+00
                             0.000E+00
                                                                                                                      0.U00E+00
                                                                                                                                      0.000E+00
                                                                                                        4.232E-04
                             0.000E+00
                                            3.696E-0Z
                                                           0.000E+00
                                                                          4.341E-02
                                                                                         1.327E-03
    577
              0.000E+00
                                                                          4,155E-02
                                                                                         1.276E-03
                                                                                                        4.050E-04
                                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     7.273E+00
    578
              0.000E+00
                             0.000E+00
                                            3.537E-02
                                                           0.000E+00
                                            3.329E-02
3.754E-02
                                                                                                                                     0.000E+00
                                                                                                                                                     6.999E+00
                                                           0.000E+00
                                                                          3.911E-02
                                                                                         1.206E-03
                                                                                                        3.813E-04
                                                                                                                      0.000E+00
0.000E+00
              0.000E+00
                             0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.067E+01
                                                                                         1.609E-03
1.562E-03
                             0.000E+00
                                                           0.000E+00
                                                                          4.420E-02
4.737E-02
                                                                                                        4 311E-04
              0.D00E+00
    580
                                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     1.112E+01
                                                                                                        4.610E-04
              0.000E+00
                             0.000E+00
                                            4.022E-02
                                                           0.000E+00
    581
                                                                                                                                                     1,163E+01
                                                                                                                                      0.000E+00
                                            4.248E-02
                                                           0.000E+00
                                                                          5.003E-02
                                                                                         1,487E-03
                                                                                                        4.866E-04
                                                                                                                      0.000E+00
                             0.000E+00
              0.00E+00
                                                                                                        4.551E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                          4.679E-02
5.047E-02
                                                                                         1.389E-03
1.500E-03
                                            3.973E-02
                                                           0.DOOE+00
              0.000E+00
                             0.000E+00
    583
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.150E+01
                                                                                                        4.910E-04
              0.000E+00
                                                           0.DO0E+00
                             0.000E+00
                                            4.288E-02
    584
                                                                                                                                      0.000E+00
                                                                                                                                                     1.148E+01
                                                                                         1.476E-03
1.863E-03
                                                                                                       4.832E-04
6.093E-04
                                                                                                                      0.000E+00
0.000E+00
                                                           0.000E+00
                                                                          4.966E-02
                                            4.220E-02
                             0.000E+00
     585
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.184E+01
                             0.000E+00
                                            5.326E-02
                                                           0.00DE+00
                                                                          6.257E-02
              0.000E+00
    586
                                                                                                        6,652E-04
                                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     1.227E+01
                                                                          6.827E-02
                                                                                         2.034E-03
                                            5.817E-02
1.117E-01
                             0.000E+00
                                                           0.000E+00
    587
              0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.242E+01
                                                           0.000E+00
                                                                          1.313E-01
                                                                                         4.113E-03
                                                                                                        1.280E-03
                             0.000E+00
0.000E+00
    588
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.165E+01
                                                                                         2.946E-03
1.795E-03
              0.000E+00
                                            7.683E-02
                                                           0.000E+00
                                                                          9.034E-02
5.595E-02
                                                                                                        8.808E-04
    5A9
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.230E+01
                                                                                                        5.460E-04
    590
              0.000E+00
                             0.000E+00
                                            4.761E-02
                                                           0.000E+00
                                                                                         1.451E-03
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                     1.235E+01
1.191E+01
                                                                          4.870E-02
                                                                                                        4.743E-04
                                                                                                                      0.000E+00
                                                           0.000E+00
                                            4.146E-02
              0.000E+00
                             0.000E+00
    591
                                                                                                                       0.000E+00
                                                                                                        5.098E-04
                                                                          5.235E-02
5.422E-02
                             0.000E+00
                                            4.456E-02
                                                           0.000E+00
                                                                                         1.564E-03
              0.000E+00
    592
                                                                                         1.629E-03
                                                                                                        5.281E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.134E+01
              0.000E+00
                             0.000E+00
0.000E+00
                                            4.616E-02
4.597E-02
    593
                                                           0.000E+00
                                                                                                                                                     1.082E+01
                                                           0.000E+00
                                                                          5.400E-02
                                                                                         1.636E-03
                                                                                                        5.262E-04
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
    594
              0 000E+00
                                                                                                        5.059E-04
                                                                                                                                      0.000E+00
                                                                                                                                                     1.048E+01
                                                                          5.191E-02
4.845E-02
                             0.000E+00
                                            4.419E-02
                                                           0.000E+00
                                                                                         1.587E-03
              0.000E+00
    595
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     9.761E+00
9.232E+00
                                                                                                        4.723E-04
                                                                                                                       0.000E+00
                                                                                         1.493E-03
     596
              0.000E+00
                             0.000E+00
0.000E+00
                                            4.124E-02
3.762E-02
                                                           0.000E+00
                                                                                                        4.310E-04
3.865E-04
                                                                                                                      0.000E+00
0.000E+00
                                                                                         1.372E-03
1.237E-03
                                                           0.000E+00
                                                                          4.421E-02
    597
              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.794E+00
                                                                          3.965E-02
3.511E-02
              0.000E+00
                             0.000E+00
                                            3.373E-02
                                                           0.000E+00
    598
                                                                                         1.100E-03
9.687E-04
8.473E-04
                                                                                                        3.424E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.407E+00
                                            2.987E-02
                                                           0.000E+00
              0.000E+00
                             0.000E+00
0.000E+00
     599
                                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     8.210E+00
                                                                                                        3.006E-04
                                            2.622E-02
                                                           0.000E+00
                                                                          3.083E-02
    600
              0.000E+00
                                                                                                                                                     7.519E+00
7.318E+00
                                                                          2 691E-02
                                                                                                        2.624E-04
2.282E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                            2.289E-02
1.990E-02
                             0.000E+00
                                                           0 000E+00
              0.000E+00
    601
                                                           0.000E+00
                                                                          2.340E-02
                                                                                         7.379E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
              0.000E+00
    602
                                                                                                                                      0.000E+00
                                                                                                                                                     1.145E+01
                                            9.550E-02
                                                                          1.119E-01
                                                                                         3.340E-03
                                                                                                        1.091E-03
                                                                                                                       0.000E+00
                                                           0.000E+00
    603
              0.000E+00
                                                                                         3,482E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1,215E+01
                                                                                                        1.138E-03
                             0.000E+00
                                            9.956E-02
                                                           0.000E+00
                                                                          1.167E-01
               0.000E+00
    604
                                            1.042E-01
                                                                          1,222E-01
                                                                                         3.643E-03
                                                                                                        1.191E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     1.288E+01
                                                           0.000E+00
                             0.000E+00
0.000E+00
              0.000E+00
     605
                                                                                                                                                     1.363E+01
                                                                                                                       0.000E+00
                                            1.095E-01
                                                                                                        1,252E-03
1,325E-03
                                                           0.000E+00
                                                                          1.285E-01
                                                                                         3.830E-03
              0.000E+00
    606
                                                                                                                                      0.000E+00
                                                                                                                                                     1.442E+01
                                                                                                                       0.000E+00
                                                                          1.361E-01
                                                                                         4.054E-03
              0.000E+00
                             0.000E+00
                                             1.159E-01
                                                           0.0005+00
    607
                                                                                                        1.416E-03
1.531E-03
6.412E-04
                                                                                                                                                     1.446E+01
1.501E+01
                                                            0.000E+00
                                                                          1.454E-01
                                                                                         4.329E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                            1.238E-01
               0.000E+00
                                                                          1.573E-01
6.575E-02
                                                                                         4.681E-03
2.855E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                             1,339E-01
                                                            0.000E+00
    609
               0.000E+00
                                                                                                                                                     1.521E+01
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
               0.000E+00
                             0.000E+00
                                             5.612E-02
                                                           0.000E+D0
    610
                                                                                                                                      0.000E+00
0.000E+00
                                                            0.000E+00
                                                                          6.500E-02
                                                                                         1.948E-03
                                                                                                        6.331E-04
                                                                                                                       0.000E+00
                                                                                                                                                     1.539E+01
                             0.000E+00
0.000E+00
                                             5.533E-02
    611
               0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     1.514E+01
                                                                          6.250E-02
5.650E-02
                                                                                         1.902E-03
1.753E-03
                                                                                                        6.090E-04
5.509E-04
                                             5.319E-02
                                                            0.000E+00
               0.000E+00
    612
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.394E+01
                             0.000E+00
                                             4.808E-02
                                                           0.000E+00
               0.000E+00
    613
                                                                                                        4.767E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.291E+01
                                                            0.000E+00
                                                                          4.888E-02
                                                                                         1.540E-03
               0 000E+00
                             0.000E+00
                                            4.159E-02
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                     PM10
                                                         Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                           11/07/95
                                                                                                                                        09:41:42
                                                                                                                                                      Page -
Innut File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                     1,233E+01
1,169E+01
                                            3.500E-02
3.106E-02
2.963E-02
2.825E-02
                                                                                                                                      0.000E+00
                                                                          4.114E-02
                                                                                                        4.013E-04
                                                                                                                       0.000E+00
                                                            0 000E+00
                              0.000E+00
                                                                          3.647E-02
3.480E-02
3.317E-02
                                                                                         1.106E-03
1.058E-03
1.010E-03
                                                                                                        3,554E-04
3,391E-04
3,233E-04
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                           0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
               0.000E+00
0.000E+00
    616
                                                                                                                                      0.000E+00
                                                                                                                                                     1.133E+01
    617
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.034E+01
    618
               0.000E+00
                              0.000E+00
                                                           0.000E+00
                                            2,692E-02
2.566E-02
                                                                                                        3,081E-04
2,938E-04
2,803E-04
                                                                                         9.646E-04
                                                                                                                       0 000E+DD
                                                                                                                                      0.000E+00
                                                                                                                                                     1.005E+01
                                                            0.00DE+00
     619
               0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     9,286E+00
                                                                                                                       0.000E+00
                                                                                         9.211E-04
B.799E-04
                                                            0.000E+00
                                                                          3.014E-02
    620
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     B.943E+00
                                            2.449E-02
2.339E-02
2.236E-02
                                                                          2.876E-02
     621
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                          2.746E-D2
                                                                                         8.411E-04
                                                                                                        2.677E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     8.090E+00
                             0.000E+00
0.000E+00
               0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.784E+00
                                                            0.000E+00
                                                                          2.626E-02
2.513E-02
                                                                                         8.049E-04
7.709E-04
                                                                                                        2.560E-04
2.450E-04
                                                                                                                       0.0005+00
    623
624
               0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7 326E+00
                                            2.140E-02
1.673E-01
                              0.000E+00
                                                            0.000E+00
               0.000E+00
                                                                                         5.909E-03
                                                                                                        1.913E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.198E+01
                             0.000E+00
                                                            0.000E+00
                                                                          1.964E-01
     625
               0 000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     1.241E+01
                                             1.735E-01
1.799E-01
                                                                          2.036E-01
2.112E-01
2.192E-01
                                                                                                                                      0.000E+00
                                                                                         6.119E-03
6.334E-03
                                                                                                        1.984E-03
2.058E-03
                                                            0.000E+00
               0.000E+00
     626
                                                                                                                                      0.000E+00
                                                                                                                                                     1,218E+01
                                                                                                                       0.000E+00
                              0.000E+00
               0.000E+00
                                                            0.000E+00
     627
                                                                                         6.562E-03
                                                                                                        2,136E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.207E+01
                                             1.867E-01
                                                            0.000E+00
     628
               0 000E+00
                              0.000E+00
                                                                                         6.823E-03
7.159E-03
7.674E-03
                                                                                                        2.225E-03
2.338E-03
                                                                                                                                      0.000E+00
                                                                                                                                                     1.542E+01
                                             1.945E-01
                                                            0.000E+00
                                                                          2.284E-01
                                                                                                                       0.000E+00
                              0.000E+00
     629
               0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.718E+01
                                                                          2.401E-01
                              0.000E+00
                                             2.045E-01
                                                            0.000E+00
     630
               0.000E+00
                                                                                                                                                     1.910E+01
2.169E+01
                                             2.194E-01
                                                                          2.576E-01
                                                                                                        2,509E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                            0.000E+00
                             0.000E+00
0.000E+00
     631
               0.000E+00
                                                                                                                                      0.000E+00
                                             2.452E-01
                                                            0.000E+00
                                                                          2.879E-01
                                                                                         8.576E-03
1.447E-03
                                                                                                        2.805E-03
                                                                                                                       0.000E+00
     632
               0 000E+00
                                                                                                        4.567E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     2.061E+01
                              0.000E+00
                                             3.990E-02
                                                            D DODE+DD
                                                                          4.682E-02
     633
               0.000E+00
                                                                                         1.306E-03
                                                                                                        4.097E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.789E+01
                                                            0.000E+00
                                                                          4.202E-02
                                             3.577E-02
               0.000E+00
                              0.000E+00
     634
                                                                                                                                      0.000E+00
                                                                                                                                                     1.680E+01
                                                                           3.794E-02
                                                                                         1.183E-03
                                                                                                        3.698E-04
                                                                                                                       0.000E+00
                              0 none+00
                                             3.227E-02
                                                            0.000E+00
     635
               0 000E+00
                                                                                                        3.404E-04
3.167E-04
                                             2.970E-02
2.763E-02
2.587E-02
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.552E+01
                                                                          3.492E-02
3.248E-02
                                                            0.000E+00
                                                                                         1.090E-03
               0.000E+00
                              0.000E+00
     636
                                                                                         1.014E-03
9.493E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.446E+01
1.326E+01
                                                            0.000E+00
     637
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           3.041E-02
                                                                                                        2.965E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
     638
               0 000E+00
                              0.000E+00
                                                                                                        2.789E-04
                                                                                                                                      0.000E+00
                                                                                                                                                     1.226E+01
                                             2.433E-02
                                                            0.000E+00
                                                                          2.861E-02
                                                                                         8.923E-04
                                                                                                                       0.000E+00
                              0.000E+00
               0.000E+00
     639
                                                                                         8.418E-04
                                                                                                        2.633E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.141E+01
                                                                           2.701E-02
               0.000E+00
                              0.000E+00
                                             2.297E-02
                                                            0 nnnE+00
     640
                                                                                                        2.494E-04
2.369E-04
2.255E-04
2.152E-04
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     1 017E+01
                                                            0.000E+00
                                                                           2.558E-02
                                                                                         7.966E-04
                                                                                                                                      0.000E+00
                                             2.176E-02
     641
               0.000E+00
                              0.000E+00
                                                                                                                                                     9.952E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                             2.067E-02
                                                            0.000E+00
                                                                           2.430E-02
                                                                                         7.560E-04
7.193E-04
               0.000E+00
     642
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     9.453E+D0
                                             1.968E-02
                              0.000E+00
                                                            0 0005+00
                                                                          2 314E-02
               0.000E+00
     643
                                                                                                                                                     8,852E+00
                                                            0.000E+00
                                                                           2.208E-02
                                                                                          6.859E-04
                                                                                                                       0.000E+00
                                                                                                                                      0 000E+00
                                             1.878E-02
     644
               0.000E+00
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     B.376E+00
                                             1.796E-02
1.720E-02
                                                                                                        2.058E-04
1.971E-04
                                                                                         6.554E-04
6.275E-04
                                                                                                                       0.000E+00
                                                            0.000E+00
                                                                           2.111E-02
     645
646
               0 000E+00
                              0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7 777E+00
                                                                           2.022E-02
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.941E-02
                                                                                         6.019E-04
                                                                                                        1.892E-04
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.332E+00
                                                            0.GOOE+00
                                             1.651E-02
1.316E-01
     647
               0.000E+00
                              0.000E+00
                                                                                                                                                     1.221E+01
                                                                                         4.949E-03
4.933E-03
                                                                                                                       0.00E+00
                                                                                                                                      0.000E+00
                                                            0.000E+00
                                                                           1.548E-01
                                                                                                         1.510E-03
                              0.000E+00
     648
               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.309E+01
                                                                           1.531E-01
1.503E-01
                                                                                                         1.493E-03
                                                                                                                       0.000E+00
                                             1.301E-01
1.277E-01
               0.000E+00
                              0.000E+00
                                                            0.000E+00
     649
                                                                                                                                                     1,400E+01
                                                            0.000E+00
                                                                                          4,894E-03
                                                                                                         1.467E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
     650
               0.000E+00
                              0.000E+00
                                                                                                                                                     1.500E+01
                                                                                                                                      0.000E+00
                                                                                                        1.430E-03
1.388E-03
                                                                                                                       0.000E+00
                              0.000E+00
                                             1.245E-01
                                                            0.000E+00
                                                                           1.466E-01
                                                                                          4.836E-03
     651
               O. DDDE+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.616E+01
                                                                                                                       0.000E+00
                                                                           1.421E-01
1.381E-01
                                                                                          4.764E-03
     652
                              0.000E+00
                                             1,207E-01
                                                            0.000E+00
               0.000E+00
                                                                                          4.702E-03
                                                                                                         1.349E-03
                                                                                                                       0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                     1.766E+01
                                             1.173E-01
1.150E-01
                                                            0.000E+00
     653
               0.000E+00
                              0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.979E+01
                                                            0.000E+00
                                                                           1.354E-01
                                                                                          4.633E-03
                                                                                                         1.323E-03
                                                                                                                       0 000E+00
                              0.000E+00
               0.000E+00
     654
                                                                                                                                                     2.309E+01
                                                                                                        1.302E-03
7.753E-04
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             1,132E-01
                                                                                         4.414E-03
2.371E-03
     655
                                                            0.000E+00
                                                                           1.334E-01
               0.000E+00
                                                                           7.968E-02
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     3.400E+01
2.557E+01
     656
657
558
               0.000E+00
                              0 noor+oo
                                             6.770E+02
                                                            0.000E+00
                                                                                                        4 459E-04
                                                                           4.570E-02
3.763E-02
                                                                                          1.366E-03
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                              0.0008+00
                                             3.906E-02
                                                            0.000E+00
               0 000E+00
                                                                                                         3.665E-04
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.146E+01
                                                                                          1.147E-03
                              0.000E+00
                                             3,200E-02
                                                            0.000E+00
               0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.892E+01
                                                                           3.840E-02
                                                                                          1.162E-03
                                                                                                         3.741E-04
                                                                                                                        0.000E+00
                                             3.268E-02
3.152E-02
                                                            0.000E+00
     659
               0,000E+00
                              0.000E+00
                                                                           3.701E-02
                                                                                                                                                     1.721E+01
                              0.000E+00
                                                            0.000E+00
                                                                                          1.117E-03
                                                                                                         3.606E-04
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
     660
               0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                      1.590E+01
                                                                                                                                       0.000E+00
                                                                                          1.031E-03
9.231E-04
                                                                                                        3.335E-04
               0.000E+00
                              0.000E+00
                                             2.916E-02
                                                            0.000E+00
                                                                           3.422E-02
     661
                                                                                                        2.989E-04
                                                                           3.066E-02
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     1.479E+01
               0.000E+00
                              0.000E+00
                                             2.614E-02
                                                            0.000E+00
                                                                                                                                                     1.372E+01
                                                            0.000E+00
                                                                           2.694E-02
                                                                                          8.108E-04
                                                                                                        2.627E-04
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             2.297E-02
     663
               0 000E+00
```

9.753E-04

3,256E-02

0.0008+00

2.775E-02

0.000E+00

9.860E+00

0.000E+00

664 665 666	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	1.997E-02 1.729E-02 1.556E-02	0.000E+00 0.000E+00 0.000E+00	2.342E-02 2.027E-02 1.826E-02	7,047E-04 6.100E-04 5.467E-04	2.283E-04 1.977E-04 1.779E-04	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	1.265E+01 1.164E+01 1.080E+01
N QUE	EEN MINING - S e: g:\ace\GQ91	SOLEDAD MIN I	PROJECT - ALI	RECEPTORS, Output File:	1991 MET, PM g:\ace\GQ91\		OUTPUT OF A	MI/SBCAPCD AC 11/07/93		VERS. 93288 * Page - 88
667 668 677 677 677 677 677 677 677 677	0.000E+00	0.00E+00	1.445E-02 1.324E-02 1.324E-02 1.164E-02 1.164E-02 1.112E-02 3.977E-02 4.467E-02 4.467E-02 4.467E-02 6.058E-02 6.058E-02 6.058E-02 1.015E-01 9.379E-02 1.365E-01 4.464E-02 2.579E-02 2.579E-02 2.490E-02 2.578E-02 2.578E-02 2.490E-02 2.490E-02 2.578E-02 1.413E-02 1.413E-02 1.413E-02 1.525E-01 1.706E-01 1.706E-01 1.706E-01 1.706E-01 1.706E-01 1.75E-02 1.715E-02	D.000E+00 0.000E+00	1.694E-02 1.552E-02 1.407E-02 1.367E-02 1.336E-02 1.306E-02 4.627E-02 5.222E-02 5.721E-02 6.348E-02 7.014E-02 7.014E-02 7.783E-02 1.189E-01 1.099E-01 1.605E-01 1.605E-01 2.301E-01 5.238E-02 2.92E-02 2.92E-02 2.982E-02 2.992E-02 2.991E-02	5.072E-04 4.647E-04 4.265E-04 4.183E-04 4.183E-04 4.183E-04 2.166E-03 3.124E-03 3.124E-03 3.124E-03 3.124E-03 3.551E-03 3.551E-03 3.551E-03 3.551E-03 3.551E-03 3.551E-04 4.771E-03 9.451E-04 8.333E-04 9.263E-03 9.263E	1.651E-04 1.513E-04 1.372E-04 1.373E-04 1.373E-04 1.373E-04 4.600E-04 1.273E-04 6.320E-04 6.320E-04 6.320E-04 7.625E-04 7.286E-04 1.160E-03 1.072E-03 1.562E-03 2.238E-03 5.104E-04 2.582E-04 2.946E-04 2.946E-04 2.773E-04 2.583E-04 2.773E-04 2.773E-04 2.742E-04 1.67E-04 1.541E-04	0.000E+00 0.000E+00	0.000E+00	9.993E+00 9.396E+00 8.379E+00 7.926E+00 1.005E+01 1.023E+01 1.023E+01 1.751E+01 1.751E+01 1.751E+01 2.277E+01 2.809E+01 3.264E+01 3.211E+01 1.524E+01 1.661E+01 1.563E+01 1.563E+01 1.162E+01 1.563E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.162E+01 1.1737E+01 1.206E+01
GOLDEN QUI	EEN MINING - : e: g:\ace\GQ9	SOLEDAD MTN 1 1\GQPACE,DAT	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, Pt g:\ace\GQ91	410 * \GQPACE.OUT	OUTPUT OF A	MI/SBCAPCD A0 11/07/9		VERS. 93288 * Page - 89
719 720 721 722 723 724 725 726 727 728 730 731 732 733 734 735 737 736 737 738 739 740 741 742 743 7445 7448 7450 751 752	0.00E+00 0.00E+00	0.000E+00	1.897E-02 2.039E-02 2.100E-02 2.097E-02 1.946E-02 1.946E-02 1.586E-02 1.586E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 4.670E-02 1.463E-02 3.91E-02 8.391E-02 8.391E-02 8.391E-02 1.784E-01 4.784E-01 4.784E-02 3.033E-02 3.033E-02 3.033E-02 3.033E-02 3.043E-02 1.683E-02 1.615E-02 1.621E-02 1.717E-02 1.765E-02	0.000E+00	2.230E-02 2.396E-02 2.459E-02 2.459E-02 2.391E-02 2.151E-02 2.151E-02 1.716E-02 1.716E-02 5.407E-02 5.407E-02 6.11E-02 6.11E-02 6.11E-02 6.16E-02 1.264E-01 1.680E-01 1.680E-01 1.680E-01 5.618E-02 3.555E-02 3.555E-02 3.555E-02 1.729E-02 1.729E-02 1.976E-02 1.976E-02 1.976E-02 1.995E-02 2.074E-02	6.942E-04 7.404E-04 7.584E-04 7.534E-04 6.953E-04 6.953E-04 6.108E-04 5.656E-04 5.215E-03 1.981E-03 2.413E-03 2.413E-03 2.143E-03 3.113E-03 3.113E-03 3.113E-03 3.113E-03 3.113E-03 1.7756E-04 5.914E-04 5.914E-04 5.914E-04 5.908E-04 6.381E-04	2.174E-04 2.335E-04 2.397E-06 2.331E-04 2.26E-04 1.957E-04 1.814E-04 1.674E-04 5.333E-04 5.642E-04 6.015E-04 6.015E-04 6.015E-04 1.016E-03 1.26E-04 1.016E-03 1.558E-03 1.634E-03 3.466E-04 2.529E-04 2.529E-04 1.925E-04 1.876E-04 1.876E-04 1.876E-04 1.967E-04 2.021E-04	0.00E+00	0.000E+00	1.281E+01 1.210E+01 1.159E+01 1.024E+01 9.731E+00 9.354E+00 7.765E+00 7.765E+00 7.714E+00 8.550E+00 8.490E+00 8.490E+00 1.224E+01 1.340E+01 1.240E+01 1.279E+01 1.279E+01 1.377E+01 1.377E+01 1.377E+01 1.377E+01 1.377E+01 1.333E+01 1.355E+01 1.355E+01 1.258E+01 1.258E+01 1.266E+01 1.266E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.26E+01 1.029E+01 1.029E+01 1.029E+01

```
2.080E-02
2.048E-02
1.987E-02
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              8.521E+00
                                              1.771E-02
                                                             0.000E+00
                                                                                              6.385E-04
                                                                                                              2.028E-04
                               0.000E+00
     7.53
               0 000E+00
                                              1.744E-02
1.693E-02
1.624E-02
                                                              0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                              6.274E-04
6.077E-04
                                                                                                              1.997E-04
1.937E-04
                                                                                                                              0.000E+00
                                                                                                                                                              8.111E+00
     754
755
               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.921E+00
               0.000E+00
                               0.000E+00
                                                                              1.906E-02
                                                                                              5.822E-04
                                                                                                              1.858E-04
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.236E+00
               0.000E+00
     756
                                                                              5.259E-02
5.742E-02
                                                                                              2,123E-03
1.909E-03
2.149E-03
                                                                                                              5.202E-04
5.605E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              9.460E+00
               0.000E+00
                               0.000E+00
                                               4.533E-02
                                                               0.000E100
                                                                                                                              0.000E+00
     )57
|58
                                                                                                                                              0.000E+00
                                                                                                                                                              1.000E+01
                                                                                                                              0.000E+00
               0.000E100
                               0.000E+00
                                               4.895E-02
                                                               0.000E+00
                               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                              4.911E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.065E+01
                                               4.271E-02
     759
               0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.020E+01
               0.000E+00
                                               5.168E-02
                                                               0.000E+00
                                                                              6.003E-02
                                                                                              1.874E-03
                                                                                                              5.880E-04
                                                                                                                              0 000E+00
     760
                                                                              6.175E-02
6.562E-02
7.073E-02
                                                                                              1.938E-03
1.979E-03
                                                                                                              6.050E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.092E+01
               0.000E+00
                               0.000E+00
                                               5.315E-02
5.657E-02
                                                               0.000E+00
     761
                                                               0.000E+00
                                                                                                              6.428E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.038E+01
               0.000E+00
0.000E+00
                               0.000E+00
                                               6.103E-02
7.079E-02
                                                                                                              6.932E-04
8.109E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              1.010E+01
                               0.000E+00
                                                               0.000E+00
                                                                                              2.135E-03
                                                                                                                              0 000E+00
     763
                                                                              8.303E-02
                                                                                               2.663E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.400E+00
                                                               0.000E+00
                               0.000E+00
0.000E+00
               0.000E+00
     764
                                                                              1.036E-01
                                                                                              3.177E-03
                                                                                                              1.009E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.054E+01
                                               8.813E-02
                                                               0.000E+00
               0.000E+00
0.000E+00
     765
                               0.000E+00
0.000E+00
0.000E+00
                                               9.537E-02
                                                               0.000E+00
                                                                               1.118E-01
                                                                                              3.788E-03
5.021E-03
                                                                                                              1.094E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.069E+01
     766
                                                                                                              1.631E-03
                                                                                                                                              0.000E+00
                                                                                                                                                              1.005E+01
                                                                               1.675E-01
                                                                                                                              0.000E+00
                                               1.425E-01
1.189E-01
                                                               0.000E+00
     767
               0.000E+00
                                                               0.000E+00
                                                                              1.398E-01
                                                                                               4.157E-03
                                                                                                              1.361E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.062E+01
     768
               0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.090E+01
                               0.000E+00
0.000E+00
                                               3.764E-02
                                                               0.000E+00
                                                                              4.422E-02
6.106E-02
                                                                                              1.316E-03
                                                                                                              4.306E-04
5.947E-04
                                                                                                                              0.000E+00
     769
                                                                                              1.818E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.102E+01
                                               5 200E-02
                                                               0.000E+00
               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                               Page -
                                                                                                                                  11/07/95
                                                                                                                                                09:41:42
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.070E+01
                                                                                             1.810E-03
1.290E-03
                                                                                                             5.929E-04
4.214E-04
                                                                                                                              0.000E+00
                                                                              6.096E-02
4.325E-02
                               0.000E+00
                                               5.176E-02
3.686E-02
                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.071E+01
     772
773
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                             8.717E-04
9.757E-04
7.035E-04
                                                                                                             2.848E-04
3.184E-04
2.294E-04
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                               2,492E-02
                                                               0.000E+00
                                                                              2.920E-02
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.078E+01
                                                                                                                                                              1.112E+01
                                               2.790E-02
2.011E-02
                                                              0.000E+00
0.000E+00
                                                                              3.263E-02
2.349E-02
     774
               0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.129E+01
     775
776
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                                              1.280E-04
1.649E-04
                                               1.116E-02
                                                               0.000E+00
                                                                              1.312E-02
                                                                                              4.201E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.078E+01
                                                                                             4.201E-04
5.177E-04
5.615E-04
5.314E-04
5.367E-04
5.367E-04
5.363E-04
5.491E-04
5.522E-04
2.000E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                               1.440E-02
1.591E-02
                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.041E+01
               0.000E+00
                               0.000E+00
                                                                               1.692E-02
     777
                                                                               1.868E-02
                                                                                                              1.820E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.968E+00
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
     778
                                                                              1.776E-02
1.778E-02
1.781E-02
                                                                                                              1.732E-04
1.732E-04
                                               1.515E-02
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.520E+00
     779
                                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              9.044E+00
     780
               0.000E+00
                               0.000E+00
                                               1.514E-02
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                              1.736E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              8.799E+00
                                               1.518E-02
                                                               0.000E+00
     781
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                                              1.614E-04
1.695E-04
                                               1.409E-02
                                                               0.000E+00
                                                                               1.656E-02
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
                                                                                                                                                              7.751E+00
     782
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.849E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                                              1.738E-02
1.784E-02
               0.000E+00
                                               1.480E-02
1.519E-02
                                                               0.000E+00
                                                                                                              1.739E-04
1.753E-04
5.280E-04
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.593E+00
               0.000E+00
0.000E+00
     784
                                                                                                                                              0.000E+00
                                               1.531E-02
                                                               0.000E+00
                                                                               1.798E-02
                                                                                                                              0.000E+00
                                                                                                                                                              7.211E+00
     785
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.222E+00
                                                                              5.364E-02
3.994E-02
                               0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
               0.000E+00
                                               4.618E-02
                                               3.445E-02
                                                                                              1.485E-03
                                                                                                              3.913E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.219E+00
               0.000E+00
0.000E+00
     787
                                                                                              1.850E-03
                                                                                                              4.821E-04
5.283E-04
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
                                                                                                                                                              9.585E+00
                                               4.240E-02
                                                               0.000E+00
                                                                               4.924E-02
     788
                                                                                                                              0.000E+00
                                                                                                                                                              7.958E+00
                                                                                              1.824E-03
                                                                                                                                              0.000E+00
                                                                              5.396E-02
                                               4.647E-02
4.676E-02
                                                               0.000E+00
0.000E+00
     789
               0.000E+00
                               0.000E+00
                                                                                              1.660E-03
1.803E-03
2.491E-03
2.757E-03
                                                                                                              5.309E-04
5.852E-04
8.021E-04
                                                                               5.416E-02
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.994E+00
               0.000E+00
0.000E+00
                               0.000E+00
     790
                                                                              5.970E-02
8.227E-02
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.702E+00
                               0.000E+00
                                               5.154E-02
                                                               0.000E+00
     791
                                                                                                                                              0.000E+00
                                                                                                                                                              7.876E+00
                                               7.013E-02
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                               6.948E-02
                                                               0.000E+00
                                                                               8.158E-02
                                                                                                              7.977E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.964E+00
                               0.000E+00
0.000E+00
     793
               0.000E+00
                                                                                              3.156E-03
3.963E-03
5.007E-03
                                                                                                             1.007E-03
1.197E-03
1.626E-03
               0.000E+00
                                               8.800E-02
                                                               0.000E+00
                                                                               1.035E-01
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.968E+00
     794
                                                                              1.229E-01
                                                                                                                                               0.000E+00
                                                                                                                                                              8.581E+00
     795
               0.000E+00
                               0.000E+00
0.000E+00
                                               1.046E-01
                                                               0.000E+00
                                                                                                                                                              8.572E+00
8.565E+00
                                               1.421E-01
                                                                               1.670E-01
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
     796
                                                                                              3.486E-03
1.267E-03
1.727E-03
1.375E-03
1.186E-03
                                                                              1.172E-01
4.257E-02
5.795E-02
                                                                                                                                              0.000E+00
     797
                                                                                                                              0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                               9,969E-02
                                                               0.000E+00
                                                                                                              1.141E-03
                                                                                                              4.146E-04
                                                                                                                                               0.000E+00
                                                                                                                                                              9.110E+00
                                               3.624E-02
4.937E-02
                                                               0.000E+00
     798
               0.000E+00
                               0.000E+00
                                                                                                              5.646E-04
4.496E-04
3.835E-04
               0.000E+00
0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.918E+00
8.954E+00
     799
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                               0.000E+00
                                                                              4.616E-02
3.934E-02
                               0.000E+00
                                               3.932E-02
     800
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.122E+00
                                                               0.000E+00
               0.000E+00
                               0.000E+00
                                               3.353E-02
     801
                                                                                              1.147E-03
7.794E-04
9.001E-04
                                                                                                              3.746E-04
2.538E-04
2.938E-04
               0.000E+00
                                               3.277E-02
                                                               0.000E+00
                                                                               3.844E-02
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.094E+00
                               0.000E+00
     802
                                                                                                                                              0.000E+00
                                                                                                                                                              9.316E+00
                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                              2.602E-02
3.011E-02
                                               2.223E-02
2.573E-02
     803
               0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.431E+00
     804
               0.000E+00
                               0.000E+00
                               0.000E+00
               0.000E+00
                                               1.858E-02
                                                               0.000E+00
                                                                               2.171E-02
                                                                                               6.500E-04
                                                                                                              2.120E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.500E+00
     805
                                                                                                              1.024E-04
1.313E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.664E+00
                                                                               1.048E-02
1.346E-02
               0.000E+00
                               0.000E+00
                                               8.978E-03
                                                               0.000E+00
                                                                                               3.319E-04
     806
                                                                                               4.269E-04
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                              9.423E+00
                                                               0.000E+00
               0.000E+00
                               0.000E+00
                                               1.146E-02
     807
                                                               0.000E+00
                                                                               1.646E-02
                                                                                               5.047E-04
                                                                                                               1.604E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8.137E+00
                               0.000E+00
                                               1.401E-02
               0.000E+00
0.000E+00
     ROB
                               0.000E+00
                                               1.505E-02
                                                               0.000E+00
                                                                               1.766E-02
                                                                                               5.329E-04
4.997E-04
                                                                                                              1.721E-04
1.624E-04
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              8 539E+00
     809
                                                                                                                                               0.000E+00
                                                                                                                                                              8.154E+00
               0.000E+00
                               0.000E+00
                                               1.421E-02
                                                               0.000E+00
                                                                               1.666E-02
     810
                                                                                               5.020E-04
                                                                                                               1.595E-04
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                              7.855E+00
                                               1.393E-02
                                                               0.000E+00
                                                                               1.636E-02
               0.000E+00
                               0.000E+00
0.000E+00
     811
                                               1.434E-02
                                                               0.000E+00
                                                                               1.683E-02
                                                                                               5.106E-04
                                                                                                              1.640E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              7.513E+00
7.372E+00
               0.000E+00
     812
                                                                                                                                               0.000E+00
                                                               0.000E+00
0.000E+00
                                                                               1.603E-02
1.461E-02
                                                                                               4.833E-04
4.514E-04
                                                                                                              1.563E-04
1.424E-04
                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                               1.367E-02
     813
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                              6.779E+00
               0.000E+00
                               0.000E+00
                                               1.244E-02
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED PEAK 1-HOUR CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	Pb	Mn	Hg	Ni	NAPTH	PAH	PROPL	Se	TOL	XYLEN
1 2 3 4 5 6 7 8 9	2.681E-02 1.153E-02 1.094E-02 3.307E-02 3.220E-02 3.111E-02 1.899E-02 2.289E-02 2.400E-02 2.994E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.347E-03 1.009E-03 9.580E-04 2.895E-03 2.818E-03 2.723E-03 1.662E-03 2.003E-03 2.100E-03 2.623E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
11	2.527E-02	0.000E+00	0.000E+00	2.212E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

```
2.545E-03
7.373E-03
              2.906E-02
8.428E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                         7.333E-03
                                                                       0.000E+00
                                                                                      0.000E+00
              8.383E-02
                            0 000E+00
                                           0 000E+00
                                           0.000E+00
                                                         7.179E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      15
              8.206E-02
                            0 000E+00
      16
              7.314E 02
                            0.000E+00
                                           0.000E+00
                                                         6.400E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0-000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              1.659E-02
                                                                                                                                 0.000E+00
                            0 000E+00
                                           0.000E \pm 00
                                                         1.454E-03
2.776E-03
                                                                       0-000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0-000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              3.172E-02
                                                                       0.000E+00
                                                                                                                   0.000E+00
      18
                            0.000E+00
                                           0.000E+00
              3.021E-02
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.644E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                 0.000E+00
              3.855E-02
3.497E-02
                                                         3.374E-03
3.061E-03
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
      21
              3.389E-02
                                                                                      0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.966E-03
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0-000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      23
              3.064E-02
                            0-000E+00
                                           0 -000E+00
                                                         2 681E-03
                                                         2.600E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      24
25
              2.972E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
              4.808E-02
                            0.000E+00
                                           0.000E+00
                                                         4.210E-03
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
      26
27
              4.900E-02
                            0.000E+00
                                           0.000E+00
                                                         4.291E-03
                                                         7.514E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              8.586E-02
                            0.000E+00
                                           0.000E+00
              1.046E-01
                                                         9.159E-03
9.157E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                        0.000E+00
      29
              1.046E-01
                            0.000E+00
                                           0 = 000E+00
              8.727E-02
                            0.000E+00
                                           0.000E+00
                                                         7.637E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      30
              4.964E-02
                            0.000E+00
                                           0.000E+00
                                                         4.347E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
                                                         4.387E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
      32
              5.010E-02
                            0.000E+00
                            0.000E+00
                                                         7.769E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              8.878E-02
                                           0.000E+00
              1.047E-01
      34
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0-000E+00
                                           0.000E+00
                                                         9.167E-03
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                         9.133E-03
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
              1.043E-01
                            0.000E+00
                                           0.000E+00
              1.034E-01
      36
                                                         9.054E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
      37
              1.016E-01
                            0.000E+00
                                           0.000E+00
                                                         8.901E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0,000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              1.123E-01
                                           0.000E+00
                                                         9.837E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
      38
      39
              1.561E-01
                             0.000E+00
                                           0.000E+00
                                                         1.367E-02
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
      40
              1.792E-01
                            0.000E+00
                                           0.000E+00
                                                         1.568E-02
7.604E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
      41
              8.690E-02
                            0.000E+00
                                           0.000E+00
              7.874E-02
                                           0.000E+00
                                                         6.888E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
Input File: g:\ace\GQ91\GQPACE.DAT
                                                       Output File:
                                                                      g:\ace\GQ91\GQPACE.OUT
                                                                                                                      11/07/95
                                                                                                                                   09:41:42
                                                                                                                                                Page
              7.880E-02
                            0.000E+00
                                           0.000E+00
                                                         6.893E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              5.374E-02
5.829E-02
7.957E-02
                            0.000E+00
                                           0.000E+00
                                                         4.707E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                         5.105E-03
6.965E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
      45
                            0.000E+00
                                                                        0 000E+00
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                            0.000E+00
      46
              6.949E-02
                            0.000E+00
                                           0.000E+00
                                                         6.085E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                                                                                                                                                0.000E+00
              6.061E-02
8.907E-02
                                           0.000E+00
0.000E+00
                                                         5.306E-03
7.793E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
      48
                            0.000E+00
                                                                        0.000E+00
                            0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      49
              9.742E-02
                             0.000E+00
                                           0.000E+00
                                                         8.523E-03
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0 000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
      51
52
              1.185E-01
                            0.000E+00
                                           0.000E+00
                                                         1.037E-02
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                                         1.161E-02
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
              1.328E-01
                                                         5.219E-03
4.483E-03
3.903E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
              5.963E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
0.000E+00
      54
55
              5-122E-02
                            0.000E+00
                             0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              4.459E-02
                                           0.000E+00
0.000E+00
                                                         3.440E-03
3.050E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
      56
57
              3.929E-02
                            0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
              3.484E-02
3.196E-02
                            0.000E+00
      58
                            0.000E+00
                                           0.000E+00
                                                         2.798E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                         2.573E-03
2.926E-03
                                                                                                                                                0.000E+00
      59
              2.939E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
      60
              3.342E-02
                            0.000E+00
                                           0.000E+00
                                                         3.036E-03
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              3.469E-02
                            0.000E+00
      61
                                                                                      0.000E+00
0.000E+00
              3.777E-02
                             0.000E+00
                                           0.000E+00
                                                         3.305E-03
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                        0.000E+00
      63
              3 851E-02
                            0 000E+00
                                           0 000E+00
                                                         3 370E-03
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
              3.758E-02
                            0.000E+00
                                           0.000E+00
                                                         3.289E-03
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0:000E+00
      64
                                                                                                                                               0.000E+00
0.000E+00
              3.471E-02
                                           0.000E+00
                                                         3.038E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                             0.000E+00
      66
67
              5.963E-02
6.722E-02
                                           0.000E+00
0.000E+00
                                                         5.218E-03
5.882E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                            0.000E+00
                                                                                                    0 000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
      68
                             0.000E+00
                                           0.000E+00
                                                         6.625E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                         7.796E-03
8.856E-03
      69
70
              8.910E-02
1.012E-01
                            0 000E+00
                                           0_000E+00
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
              5.003E-02
                             0.000E+00
                                           0.000E+00
                                                         4.378E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                               0.000E+00
                                                         4.066E-03
2.223E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
      72
              4.648E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      73
              2.537E-02
                            0 000E+00
                                                         2.226E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                           0.000E+00
      75
                                                                                      0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              4.197E-02
                            0.000E+00
                                           0.000E+00
                                                         3.692E-03
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                         3.562E-03
                                                                                                                                                0.000E+00
      76
77
                            0 000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
              4.070E-02
                                                         3.735E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              4.265E-02
                             0.000E+00
                                           0.000E+00
                                                         5.330E-03
4.611E-03
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
              6.090E-02
5.270E-02
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
      78
                            0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
      79
                            0.000E+00
                                                                                                    0.000E+00
              4.151E-02
                                           0.000E+00
                                                         3.633E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      80
                             0.000E+00
                                                         3.116E-03
3.111E-03
                                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
      81
              3.559E-02
                            0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                            0.000E+00
      82
              3.553E-02
              4.392E-02
                                                         3.843E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      83
                            0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                         4.924E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              5.628E-02
                                           0.000E+00
0.000E+00
                                                         5.483E-03
5.438E-03
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      85
              6.267E-02
                            0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                                                0.000E+00
              6.216E-02
5.861E-02
                            0 000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
      86
      87
                                           0.000E+00
                                                         5.127E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                                         4.265E-03
3.944E-03
                                                                        0.000E+00
0.000E+00
              4.875E-02
                            0.000E+00
                                           0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
      89
              4.507E-02
                            0.000E+00
                                           0.000E+00
                                                         2.839E-03
2.469E-03
2.251E-03
      90
              3.244E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      91
              2.822E-02
                            0.000E+00
                                           0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
0.000E+00
              2.573E-02
      92
      93
              2.606E-02
                            0.000E+00
                                                         2.280E-03
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              2.032E-02
                            0.000E+00
                                           0.000E+00
                                                         1.778E-03
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
Input File: g:\ace\GQ91\GQPACE.DAT
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                      11/07/95
                                                                                                                                   09:41:42
                                                                                                                                                Page -
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                         2.262E-03
2.456E-03
2.670E-03
     96
97
              2.585E-02
2.808E-02
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
0.000E+00
                            0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
      98
              3.052E-02
                             0.000E+00
                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
      99
              3.895E-02
                            0.000E+00
                                           0.000E+00
                                                         3.427E-03
3.571E-03
                                                                        0-000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
    100
              4.061E-02
                             0.000E+00
                                           0.000E+00
                                                                        0-000E+00
```

3.071E-03 1.901E-03 1.863E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.173E-02 2.129E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 103 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.137E-03 0.000E+00 104 2.442E-02 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 1.956E-03 0.000E+00 0.000E+00 0.000E+00 0 000E+00 0.000E+00 0.000E+00 2.236E-02 0.000E+00 105 2.297E-03 2.477E-03 5.596E-03 106 0.000E+00 107 2.832E-02 0 000E+00 0 000E+00 6.389E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 108 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 109 4.201E-02 0.000E+00 0.000E+00 3.685E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.565E-02 3.508E-02 0.000E+00 0.000E+00 2.245E-03 0.000E+00 110 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.082E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 111 0.000E+00 0.000E+00 0.000E+00 112 4.357E-02 0.000E+00 0.000E+00 3.821E-03 0.000E+00 0.000E+00 0.000E+00 5.885E-03 7.264E-03 5.985E-03 5.145E-03 0.000E+00 0.000E+00 0.000E+00 6.717E-02 8.295E-02 0.000E+00 114 115 0.000E+00 5.880E-02 6.993E-02 7.647E-02 116 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.118E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 117 118 0.000E+00 0.000E+00 6.698E-03 6.498E-03 0.000E+00 119 7.428E-02 6.281E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.497E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 120 5.649E-03 6.082E-03 0.000E+00 6.455E-02 0.000E+00 121 0.000E+00 0.000E+00 6.952E-02 7.782E-02 0.000E+00 122 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.808E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 123 6.703E-02 0.000E+00 0.000E+00 124 0 000E+00 0.000E+00 5.864E-03 0.000E+00 5.864E-03 6.933E-03 7.875E-03 8.048E-03 7.800E-03 7.246E-03 5.785E-03 6.021E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 125 7.925E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.969E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 126 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 127 9.188E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.903E-02 0.000E+00 128 0.000E+00 129 8.270E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 130 6.590E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6 859E-02 131 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 132 1.020E-01 0.000E+00 0.000E+00 8.947E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.086E-02 1.137E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.240E-01 0.000E+00 0.000E+00 0.000E+00 133 0.000E+00 134 1.299E-01 0.000E+00 7.963E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 135 0.000E+00 5.746E-02 0.000E+00 0.000E+00 5.048E-03 136 0.000E+00 4.309E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.898E-02 137 4.695E-02 7.515E-02 5.603E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 138 0.000E+00 0.000E+00 4.127E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.596E-03 4.911E-03 0.000E+00 139 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 140 0.000E+00 0.000E+00 0.000E+00 0.000E+00 141 7.508E-02 0.000E+00 0.000E+00 6.590E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.277E-02 4.638E-03 3.488E-03 142 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.966E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 143 0.000E+00 0.000E+00 0.000E+00 0.000E+00 144 4.498E-02 0.000E+00 0.000E+00 3.952E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.433E-02 3.006E-03 2.669E-03 0.000E+00 145 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.050E-02 146 OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10

jut File: g:\ace\GQ91\GQPACE.DAT

Output File: g:\ace\GQ91\GQPACE.OUT ut File: g:\ace\GQ91\GQPACE.DAT 11/07/95 09:41:42 Page -0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.581E-02 0 000E+00 3.133E-03 2.259E-03 0.000E+00 0.000E+00 2.583E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 148 2.474E-02 3.034E-02 3.162E-02 2.164E-03 2.656E-03 2.767E-03 0.000E+00 150 151 0.000E+00 2.767E 03 2.809E-03 2.752E-03 2.752E-03 2.581E-03 2.764E-03 0.000E+00 3.210E-02 0.000E+00 153 3.178E-02 3.145E-02 0.000E+00 154 0.000E+00 0.000E+00 0.000E+00 3.106E-02 0.000E+00 2.949E-02 3.158E-02 0.000E+00 156 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 157 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.863E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 158 0.000E+00 3.581E-03 2.777E-03 0.000E+00 0.000E+00 0.000E+00 159 4.080E-02 0.000E+00 3.173E-02 160 0.000E+00 0.000E+00 3.305E-02 0.000E+00 0.000E+00 2.893E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 161 2.940E-03 2.847E-03 3.118E-03 0.000E+00 0.000E+00 3.358E-02 0.000E+00 0 000E+00 0.000E+00 163 3 252E-02 3.548E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 164 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.319E-03 3.346E-03 0.000E+00 0.000E+00 3.776E-02 0.000E+00 0.000E+00 0.000E+00 3.820E-02 3.752E-02 0.000E+00 0.000E+00 0.000E+00 0 000E+00 0 000E+00 166 3.287E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 167 0.000E+00 2.389E-03 0.000E+00 0.000E+00 0.000E+00 2.728E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 168 0.000E+00 2.684E-02 2.934E-02 2.733E-02 2.350E-03 2.568E-03 2.393E-03 0.000E+00 0.000E+00 0.000E+00 169 0.000E+00 170 0.000E+00 2.632E-03 2.735E-03 2.709E-03 172 3.006E-02 0.000E+00 3.124E-02 0,000E+00 173 0.000E+00 0.000E+00 0 000E+00 3.093E-02 0.000E+00 2.602E-03 3.136E-03 175 2.970E-02 3.580E-02 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 176 3.571E-02 3.128E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.018E-02 3.555E-02 3.517E-03 3.112E-03 0.000E+00 0.000E+00 178 0.000E+00 179 0.000E+00 180 0.000E+00 0.000E+00 3.554E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.393E-02 5.388E-02 5.320E-02 5.235E-02 5.150E-02 0.000E+00 0.000E+00 0.000E+00 4.725E-03 4.718E-03 0.000E+00 0.000E+00 0.000E+00 181 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 182 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.658E-03 0.000E+00 0.000E+00 0.000E+00 183 0.000E+00 4.584E-03 4.509E-03 0.000E+00 184 0.000E+00 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 185 3.487E-02 0.000E+00 0.000E+00 3.051E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 186 187 3.687E-02 3.659E-02 0.000E+00 0.000E+00 3.227E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.203E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 188 0.000E+00 0.000E+00 3.124E-02 0.000E+00 2.735E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 189 0.000E+00 0.000E+00 0.000E+00 190 3.356E-02 0.000E+00 0.000E+00 2.938E-03 0.000E+00 0.000E+00 0.000E+00 3.047E-03 0.000E+00 3.481E-02 3.519E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 191 192 0 000E+00 0.000E+00 3.080E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.612E-02 0.000E+00 0.000E+00 4.928E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

0.000E+00

0.000E+00

0 000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

101

102

3.490E-02

0.000E+00

```
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
              4.291E-02
                            0.000E+00
                                           0.000E+00
                                                          3.772E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
    194
                                                          3.392E-03
3.191E-03
                                                                                                     0.000E+00
    195
              3.845E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
    196
197
              3.645E-02
3.753E-02
                            0.000E+00
                                           0 000E+00
                            0.000E+00
                                                          3.301E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                  D DOOE+OR
                                           0.000E+00
    198
              3.811E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E±00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.3546-03
GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
11/07/95 09:41:42
                                                                                                                                                VERS. 93288 *
                                                                                                                                                  Page -
              3.974E-02
3.987E-02
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                                          3.496E-03
3.507E-03
3.397E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                  0.000E \pm 00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
0.000E+00
    200
              3.862E-02
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
    201
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
              3.670E-02
                            0.000E+00
                                           0.000E+00
                                                          3.229E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    202
                                                         3.283E-03
5.483E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    203
              3.735E-02
                            0.000E+00
                                           0.000E+00
              6.245E-02
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    204
                                                                                                                                   0.000E+00
    205
              4.582E-02
                            0.000E+00
                                           0.000E+00
                                                          4.028E-03
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.671E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              4.161E-02
4.079E-02
                                           0.000E+00
    206
                            0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+0D
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    207
              4.124E-02
                                                          3.630E-03
3.665E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    208
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    209
              4.165E-02
                            0.000E+00
                                           0.000E+00
                                                          4.093E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                  0.000E+00
              4.655E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    210
                                                          5.402E-03
3.650E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    211
              6.153E-02
                             0.000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.DD0E+00
              4.149E-02
                                           0.000E+00
    212
                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    213
              3.839E-02
                             0.000E+00
                                           0.000E+00
                                                          3.376E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              4.160E-02
                             0.000E+00
                                           0.000E+00
                                                          3.650E-03
5.087E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    215
              5.791E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
              4.629E-02
                                                          4.070E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
    216
                                                          3.946E-03
3.985E-03
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
              4.472E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.00DE+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                                                    0.000E+00
              4.527E-02
4.670E-02
                                           0.000E+00
    218
                             0.000E\pm00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                          4.090E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      D.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
    219
              5.282E-02
7.918E-02
                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                                          4.620E-03
                                                                        0.000E+00
                                                                                                      0.000E + 00
                                                                                                                    0.000E+DD
     220
                                                          6.947E-03
                                                                        0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
    221
                             D_OODE+OD
                                                                                                                                                 0.000E+00
0.000E+00
                                           0.000E+00
                                                          6.741E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
              7.682E-02
                             0.000E+00
    222
              4.503E-02
                                                                                                                                   0.000E+00
                                                          3.959E-03
3.756E-03
                                                                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
     223
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4,280E-02
    224
                             0.000E+00
     225
              5.711E-02
                             0.000E+00
                                           0.000E+00
                                                          5.006E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              5.188E-02
5.206E-02
                                                          4.550E-03
4.565E-03
                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                  0.000E+00
    227
              7.817E-02
                             0.000E+00
                                           0.000E+00
                                                          6.848E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.0000 \pm 0.0
                                                                                                                                   0 000E+00
                                                                                                                                                  D.000E+00
     228
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.892E-03
5.573E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     229
              5.579E-02
                             0 000E+00
                                           0.000E+00
              6.358E-02
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                           0.000E+00
    230
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
              7.727E-02
                                           0.000E+00
                                                          6.769E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     231
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     232
              7.870E-02
                             0.000E+00
                                           0.000E+00
                                                          6.896E-03
5.395E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
              6.153E-02
7.511E-02
    233
                             0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          6.581E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     234
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              8.392E-02
7.664E-02
                                                                                       0.000E+00
     235
                             0.000E+00
                                           0.000E+00
                                                          7.353E-03
                                                                         0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          6.716E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     236
                                                                                                                                                 0.000E+00
0.000E+00
              7.484E-02
                             0.000E+00
                                           0.000E+00
                                                          6.558E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E100
                                                                                                                    O CODELOG
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                          6.709E-03
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
    238
              7.655E-02
                             0.000E±00
                                           0.000E+00
                                                                         0.000E+00
              7.131E-02
                                                          6.253E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
    239
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
     240
                             0.000E+00
                                           0.000E+00
                                                          6,483E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E±00
                                                                                                      0,000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          6.859E-03
7.063E-03
                                                                         0.000E+00
    241
              7.839E-02
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                                                         0.000E+00
              8.072E-02
    242
              8.022E-02
                             0.000E+00
                                           0.000E+00
                                                          7.018E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     243
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          7.262E-03
6.556E-03
                                                                                       0.000E+00
     244
              8.300E-02
                             0.000E+00
                                           0.000E+00
                                                                         0 000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              7.495E-02
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
    245
                                                                                                                    0.000E+00
0.000E+00
     246
              1.926E-02
                             0.000E+00
                                           0.000E+00
                                                          1.686E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2,302E-02
                                                          2.015E-03
2.070E-03
                                                                        0.000E+00
0.000E+00
                                                                                                      0 000E+00
     247
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.364E-02
                             0.000E+00
    248
                                                                                                                                                  0.000E+00
              1.987E-02
                             0.000E+00
                                           0.000E+00
                                                          1.740E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   D.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              1.838E-02
                             0:000E+00
                                           0.000E+00
                                                          1.610E-03
                                                                         0.000E+00
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 96
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.486E-02
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                          2.132E-03
2.008E-03
2.278E-03
                                                                                                                    0.000E+00
0.000E+00
    252
253
                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
              2.435E-02
                             0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
              2.294E-02
                             0 000E+00
              2.603E-02
2.416E-02
2.559E-02
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.0002+00
    254
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
     255
                             0.000E+00
                                           0.000E+00
                                                          2.114E-03
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     256
                             0.000E+00
                                           0.000E+00
                                                          2.239E-03
              2.057E-02
                             0.000E+00
                                           0.000E+00
                                                          1.800E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+0D
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     257
                                                                                                                                   0.000E+00
     258
              2.474E-02
                             0.000E+00
                                           0.000E+00
                                                          2.166E-03
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0-000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E \pm 00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
              1.528E-02
1.074E-02
5.364E-03
                                                                         0.000E+00
    259
                             0 000E+00
                                           0.000E+00
                                                          1.338E-03
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          9.397E-04
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     260
                             0.000E+0D
                                           0.000E+00
                                                          4.695E-04
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     261
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
              9.267E-03
                             0.000E+00
                                           0.000E+00
                                                          8.113E-04
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.198E-02
                                                          1.048E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0 000E+00
                                           0.000E+00
     263
              1.106E-02
                                            0.000E+00
                                                          9,681E-04
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0:000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     264
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0-000E+00
     265
               1.453E-02
                             0.000E+00
                                           0.000E+00
                                                          1.272E-03
                                                                         0.000E+00
                                                                                       0-000E+00
                                                          1.403E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
     266
              1.603E-02
1.615E-02
                             0.000E+00
                             0,000E+00
                                            0.000E+00
                                                          1.413E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
     267
                                                                                                                                                  0.000E+00
                                                          1.443E-03
1.535E-03
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
    268
              1.649E-02
                             O.DDDE+DD
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
              1.755E-02
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     269
                                                                         0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          1.479E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
     270
              1.690E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
              2.111E-02
2.054E-02
                                                          1.847E-03
1.797E-03
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                           0 000F+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
    272
              2.082E-02
                             0.000E+00
                                            0.000E+00
                                                          1.823E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     273
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2,739E-02
                             0.000E+00
                                           0.000E+00
                                                          2.398E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
              1.602E-02
2.114E-02
                                                          1.402E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
     275
     276
                             0,000E+00
                                            0.000E+00
                                                          1.850E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0:000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
              2.448E-02
                             0.000E+00
                                           0.000E+00
                                                          2.143E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0:000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
              2.376E-02
1.811E-02
    278
279
                             0.000E+00
                                            0.000E+00
                                                          2.080E-03
                                                          1.586E-03
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
              2.273E-02
2.636E-02
                                                                                                                     0.000E+00
     280
                             0.000E+00
                                           0.000E+00
                                                          1.990E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  D.000E+00
                             0.000E+00
                                                          2.308E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                           0.0005+00
     281
              2.554E-02
                                                          2.236E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0:000E+00
                                                                                                                                                  D.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
```

```
0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
               2.528E-02
                             0.000E+00
0.000E+00
                                                           2.213E-03
                                            0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                           2.309E-03
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
     284
285
              2.638E-02
2.621E-02
                                            0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                           2.293E-03
                             0.000E+00
                                            0.000E+00
                                                                          0 000E+00
                                                           1.894E-03
                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                                            0.000E+00
     286
               2.165E-02
                             0-000E+00
                                                           2.205E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
    287
               2.519E-02
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0,000E+00
               1,531E-02
                             0.000E+00
                                            0.000E+00
                                                           1.340E-03
                                                                          0.000E+00
                                                                                         0.000E+00
     288
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                           8.393E-04
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
               9.591E-03
     289
                             0 000E+00
                                                           6.195E-04
9.787E-04
               7.072E-03
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     290
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     291
               1.118E-02
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                                          0.000E+00
                                                           1.088E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     292
               1.244E-02
                             0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
0.000E+00
                                            0.000E+00
                                                           1.224E-03
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0 000E+00
               1.398E-02
                             0.000E+00
     293
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           1.399E-03
               1.599E-02
                             0.000E+00
                                            0.000E+00
     294
                                                           1.514E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
               1.731E-02
1.650E-02
                                            0 000E+00
     295
                             0 000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            1.444E-03
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
     296
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                           1.611E-03
1.580E-03
               1.841E-02
                             0.000E+00
                                             0.000E+00
                                                                          0.000E+00
     297
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.805E-02
                             0.000E+00
                                            0.000E+00
     298
                                                                                                                                                     0.000E+00
              2.264E-02
2.147E-02
                                                            1.981E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
     299
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                          0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                           1.879E-03
2.102E-03
     300
                                                                                                        0.000E+00
                                                                                                                       0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     301
               2.401E-02
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                            0.000E+00
                                                           2.642E-03
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
               3.019E-02
                             0.000E+00
     302
                                                                                                                                                   VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                       OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                         g:\ace\GQ91\GQPACE.OUT
                                                                                                                           11/07/95
Input File: g:\ace\GQ91\GQPACE.DAT
                                                         Output File:
                                                                                                                                        09:41:42
                                                                                                                                                      Page -
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                            2.718E-03
                                                                                         0.000E+00
               3.105E-02
                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                           1.247E-03
1.566E-03
2.020E-03
               1.424E-02
1.789E-02
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                            0.000E+00
     304
                             0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
     305
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.307E-02
     306
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           2.254E-03
2.031E-03
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0 000E+00
               2.575E-02
                                             0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
     307
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                          0.000E+00
                                                                                                                       0.000E+00
               2.320E-02
1.937E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            1.697E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
     309
                                                                                                                                                     0.000E+00
                                                           2.354E-03
2.335E-03
2.093E-03
                                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
     310
               2.688E-02
                              0.000E+00
                                             0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
               2.667E-02
2.391E-02
                             0.000E+00
                                            0.000E+00
     311
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
     312
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.812E-02
2.667E-02
                              0.000E+00
                                            0.000E+00
0.000E+00
                                                           2.461E-03
2.334E-03
                                                                           0.000E+00
     313
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     314
                             0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                            1,993E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                             0.000E+00
                                             0.000E+00
               2.278E-02
     315
                                                                                                                                                     0.000E+00
                                                           2.244E-03
1.355E-03
7.132E-04
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
               2.563E-02
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
     316
                                                                           0.000E+00
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
               1.549E-02
8.149E-03
                             0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
     318
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                        0.000E+00
               9.419E-03
                              0.000E+00
                                             0.000E+00
                                                            8.247E-04
                                                                           0.000E+00
     319
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                            1.117E-03
                                                                                                                        0.000E+00
                                            0.000E+00
     320
               1.276E-02
                             0.000E+00
                                                            1.112E-03
                                                                                         0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                        0 000E+00
                                                                                                                       0.000E+00
               1.271E-02
     321
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                            0.000E+00
0.000E+00
                                                            1.369E-03
1.598E-03
               1.564E-02
                              0.000E+00
                                                                           0.000E+00
     322
                                                                                                                       0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     323
               1.826E-02
1.638E-02
                             0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            1.433E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     324
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
0.000E+00
               1.923E-02
                              0.000E+00
                                            0.000E+00
0.000E+00
                                                            1.683E-03
1.691E-03
                                                                           0 000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
               1.931E-02
2.417E-02
     326
                             0.000E+00
                                             0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                            2.115E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                              0.000E+00
     327
                                                                                                                                                     0.000E+00
               2.229E-02
2.757E-02
3.284E-02
                                            0.000E+00
0.000E+00
0.000E+00
                                                            1.951E-03
2.413E-03
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                              0.000E+00
                                                                           0 000E+00
     328
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
     329
                             0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                                            2.874E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0 000E+00
     330
                                                                                                                                                     0.000E+00
               3.158E-02
2.518E-02
2.004E-02
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                            0.000E+00
0.000E+00
                                                            2.763E-03
2.203E-03
                                                                           0.000E+00
     331
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     332
                             0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                           1.755E-03
1.314E-03
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                         0 000E+00
     333
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.500E-02
                             0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                            1.740E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.988E-02
2.506E-02
                             0.000E+00
     335
                                                                                                                                      0.000E+00
                                                           2.194E-03
2.336E-03
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                         0.000E+00
     336
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.668E-02
                             0.000E+00
                                             0.000E+00
                                                            1.901E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
               2.172E-02
2.478E-02
                              0 000E+00
     338
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                            2.170E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
     339
                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
                                                            2.389E-03
2.182E-03
2.555E-03
     340
               2.729E-02
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
     341
               2.493E-02
2.919E-02
                             0 000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                              0.000E+00
     342
                                                                                                                                      0.000E+00
                                                            2.359E-03
2.095E-03
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0 000E+00
               2.696E-02
                              0.000E+00
                                             0.000E+00
                                                                                                         0.000E+00
     343
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
               2.394E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                            2.336E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
               2.669E-02
1.550E-02
                              0.000E+00
                                             0.000E+00
     345
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                       0 000E+00
                                             0.000E+00
                                                            1.356E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
     346
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                            6.025E-04
1.015E-03
               6.876E-03
                              0.000E+00
                                             0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
     348
               1.160E-02
                              0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            1.207E-03
                                                                           0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               1.379E-02
                              0.000E+00
     349
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                            1.347E-03
     350
               1.539E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                            1.649E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
     351
352
               1.884E-02
                              0.000E+00
                                                            1.593E-03
1.747E-03
1.813E-03
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                       0.000E+00
               1.821E-02
                              0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
     353
               1.997E-02
                              0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               2.072E-02
                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                       OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                    VERS.
                                                                                                                           11/07/95
                                                                                                                                         09:41:42
                                                                                                                                                      Page -
                                                                                                                                       0.000E+00
                                                                                                                        0.000E+00
               2.583E-02
2.308E-02
3.143E-02
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                            2.260E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                            2.019E-03
2.751E-03
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
     356
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
     357
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                         0.000E+00
     358
               3.509E-02
                              0.000E+00
                                             0.000E+00
                                                            3.070E-03
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
                                                            2.725E-03
2.638E-03
                                                                           0.000E+00
     359
               3.114E-02
                              0 000E+00
                                             0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     360
               3.014E-02
                              0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
               3.353E-02
2.075E-02
                                                                                                                                       0.000E+00
                                             0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                            2.934E-03
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0 000E+00
                              0.000E+00
     361
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.816E-03
                                                                                                                                      0.000E+00
0.000E+00
                                                            1.847E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
               2.109E-02
1.590E-02
                                             0.000E+00
                              0.000E+00
     363
                                                                                                                                                     0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.392E-03
                                                                           0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.00E+00
                                                                                                                        0 000E+00
     364
                                                            1.923E-03
2.374E-03
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               2.197E-02
2.711E-02
                              0 000E+00
                                             0 000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                              0.000E+00
     366
                                                                                                                                       0 000E+00
                                                                                                                                                     0.000E+00
               2.698E-02
2.058E-02
                              0.000E+00
                                             0.000E+00
                                                            2.363E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     367
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                            1.802E-03
2.549E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               2.912E-02
                              0.000E+00
     369
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            2.444E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     370
```

0.000E+00

2.947E-02

0.000E+00

0.000E+00

2.579E-03

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0:000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          2.368E-03
                                                                        0.000E+00
             2.705E-02
2.511E-02
                            0.000E+00
    372
373
                                                         2.197E-03
2.448E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
              2.797E-02
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          1.331E-03
                                                                        0.000E+00
                                                                                       0-000E+00
                                                                                                     0.000E+00
                                                                                                                    0-000E+00
              1 521E-02
                            0.000E+00
    375
                                                                                                                    0.000E+00
                                                                                                                                   0_000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                         8.412E-04
1.187E-03
                                                                                                     0.000E+00
              9,605E+03
                                                                        0.000E+00
                                                                                       0.000E+00
    376
                                                                                                                    0.000E100
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000EF00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.357E-02
                            0.000E+00
                                           0 000E+00
                                                                                                                                                 0.000E+00
                                                          1.252E-03
                                                                                                                                   D 000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
    378
379
              1.431E-02
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
              1.883E-02
                            0.000E+00
                                           0.000E+00
                                                          1.648E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          1.751E-03
1.796E-03
                                                                        0.000E+00
              2.001E-02
                            0.000E+00
                                           0.000E+00
    380
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0 000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0-000E+00
                                           0.000E+00
              2.053E-02
2.237E-02
    381
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                         1.958E-03
2.432E-03
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    382
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              2.779E-02
                            0.000E+00
                                           0.000E+00
    383
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                          2.270E-03
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    D 000E+00
    384
              2.593E-02
                            0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                         3.100E-03
3.199E-03
              3.543E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    385
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
              3.656E-02
2.950E-02
                            0 000E+00
                                           0.000E+00
                                           0.000E+00
                                                          2.581E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
    387
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                          3.064E-03
3.080E-03
              3.501E-02
                             0.000E+00
                                           0.000E+00
    388
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                                                 0.000E+00
              3.519E-02
3.024E-02
                                           0.000E+00
    389
                            0-000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2.646E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
    390
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.645E-02
                            0.000E+00
                                           0.000E+00
                                                          1.440E-03
1.847E-03
                                                                        0.000E+00
    391
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
    392
              2.110E-02
                            0 000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
              2.22E-02
                                           0.000E+00
                                                          1.946E-03
                                                                                       0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
    393
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.778E-02
                                                          1.556E-03
                            0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                          2.122E-03
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
    395
              2.424E-02
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                    0.000E+00
              2.915E-02
                                           0.000E+00
                                                          2.552E-03
                                                                                       0.000E+00
                                                                                                     0 000E+00
                            0.000E+00
    396
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.619E-02
                            0.000E+00
                                           0.000E+00
                                                          2.293E-03
    397
                                                          2.424E-03
2.555E-03
2.530E-03
                                                                                                                                  0.000E+00
0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.769E-02
2.919E-02
    398
                            0 000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    399
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.890E-02
                            0.000E+00
                                           0.000E+00
    400
                                           0.000E+00
                                                          2.405E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    401
              2.748E-02
2.632E-02
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.303E-03
2.512E-03
                                                                        0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                           0.000E+00
                                                                                       0 000E+00
                             0.000E+00
    402
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              2.870E-02
                            0.000E+00
                                           0.000E+00
    403
                                                                                                                                                 0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                           0.000E+00
                                                          1.265E-03
                                                                                       0.000E+00
              1.445E-02
1.209E-02
    404
                                           0.000E+00
                                                          1.059E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
    405
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                          1.356E-03
              1.550E-02
                            0.000E+00
                                           0.000E+00
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                          SOLEDAD MTN_PROJECT - ALL RECEPTORS,
                                                                       1991 MET.
GOLDEN QUEEN MINING -
                                                                                   PM10
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                  Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          1.582E-03
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                           0.000E+00
                                                                        0.000E+00
              1.808E-02
                                                                        0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              2.154E-02
2.083E-02
                            0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                          1.885E-03
1.823E-03
    408
                                                                                                                                  0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
    409
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          2.125E-03
2.633E-03
                                                                        0.000E+00
                                                                                       0 000E+00
              2.427E-02
    410
                                                                        0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              3.009E-02
                             0 000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
              3.087E-02
                             0.000E+00
    412
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.433E-03
3.222E-03
                                                                        0.000E+00
0.000E+00
              3.924E-02
                             0.000E+00
                                           0.000E+00
                                                                                       0-000E+00
    413
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
              3.682E-02
3.553E-02
                                           0.000E+00
                             0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          3.109E-03
                                                                        0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
                             0.000E+00
    415
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.358E-03
2.997E-03
                                                                        0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              3.837E-02
                             0.000E+00
                                           0.000E+00
    416
                                           0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                                 0.000E+00
              3.425E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                          2.279E-03
2.472E-03
                                                                        0.000E+00
0.000E+00
              2.605E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
    418
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
    419
              2.824E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
                                                          2.039E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              2.328E-02
1.940E-02
     420
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.700E-03
                                                                                                      0.000E+00
    421
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              2.131E-02
     422
                             0.000E+00
                                           0.000E+00
                                                          1.866E-03
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
                                                          2.051E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              2.343E-02
     423
                             0.000E+00
                                                                                                                                                 0.000E+00
                                                          1.721E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E+00
              1.966E-02
    424
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                          2.353E-03
2.702E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
     425
              2.688E-02
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              3.085E-02
2.377E-02
                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          2.081E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
     427
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                                          2.704E-03
2.398E-03
                                                                                                      0.000E+00
              3.089E-02
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     428
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.739E-02
                             0.000E+00
                                           0.000E+00
                                           0.000E+00
                                                          2.635E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
     430
              3 011E-02
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          2.475E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.829E-02
                             0.000E+00
     431
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.581E-03
                                           0.000E+00
0.000E+00
     432
              2.948E-02
                             0.000E+00
                                                          1.133E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
              1.294E-02
1.431E-02
                             0.000E+00
     433
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.253E-03
                                                                         0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
     434
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                          1,451E-03
              1.657E-02
                             0.000E+00
                                           0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.243E-02
2.083E-02
                             0.000E+00
                                           0.000E+00
                                                          1.962E-03
                                                                         0.000E+00
     436
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.823E-03
2.318E-03
2.880E-03
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
     437
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
0.000E+00
              2.648E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     439
              3.291E-02
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          3.188E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              3.643E-02
                             0.000E+00
     440
                                                          3.707E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4.237E-02
3.538E-02
                             0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          3.095E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     442
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          3.599E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              4.113E-02
                             0.000E+00
     443
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.398E-03
2.636E-03
2.690E-03
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              3.883E-02
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              3.012E-02
3.074E-02
                                           0.000E+00
     445
                             0.000E+00
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
     446
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              3.165E-02
                                           0.000E+00
                                                          2.770E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                       0.000E+00
                                           0.000E+00
0.000E+00
                                                          2.536E-03
1.932E-03
                                                                         0.000E+00
              2.898E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
     449
              2.208E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.164E-03
2.008E-03
1.867E-03
     450
              2.472E-02
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
0.000E+00
              2.293E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
     452
              2-133E-02
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          2.166E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.473E-02
     453
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              2.161E-02
                             0.000E+00
                                           0.000E+00
0.000E+00
                                                          1.892E-03
2.637E-03
                                                                         0.000E+00
                                                                                                                                                  0 000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
              3 012E-02
                             0.000E+00
     455
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                          2.750E-03
2.774E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
     456
              3.141E-02
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
     457
              3 169E-02
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                          2.618E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                         0.000E+00
              2.991E-02
                             0.000E+00
                                                                                                                                                VERS. 93288 *
 LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
Input File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                      09:41:42
                                                                                                                                                   Page - 100
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.742E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     459
              3.133E-02
                                                                                                                                                  0.000E+00
              3.013E-02
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          2.636E-03
```

```
0.000E+00
                                                            2.753E-03
1.111E-03
                                                                                                                                        0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
              3.146E-02
                             0.000E+00
    461
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
              1.269E-02
1.759E-02
2.227E-02
                             0.000E+00
    462
                                                            1.539E-03
1.948E-03
2.036E-03
                                                                                                                         0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                             0.000E+00
    463
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
    464
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
              2.327E-02
2.895E-02
                                             0 000E+00
    465
                             n_nonE+00
                                                                                                                                        0.000E+00
                                                            2.534E-03
                                                                           0.0008+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
    466
467
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
               3.637E-02
                              0.000E+00
                                             0.000E+00
                                                            3.182E-03
3.704E-03
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                         0 000E+00
                             0 000E+00
    468
               4.233E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                            3.859E-03
3.737E-03
3.833E-03
               4.411E-02
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                              0.000E+00
    469
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
     470
               4.271E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                        0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                              0.000E+00
    471
472
              4.381E-02
3.519E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                            3.079E-03
2.948E-03
3.004E-03
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
               3.369E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                        0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                         0 000E+00
    474
475
                              0.000E+00
              3.433E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
               3.054E-02
                                             0.000E+00
                                                            2.672E-03
2.128E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       0.000E+00
                                             0.000E+00
               2.432E-02
                              0.000E+00
                                                                                                                                        0.000E+00
                                                            1.549E-03
2.229E-03
1.947E-03
                                                                                                                                                       0.000E+00
                                                                                                         0.000E+00
0.000E+00
              1.770E-02
2.546E-02
2.223E-02
2.476E-02
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
                              0.000E+00
     477
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     478
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                            2.167E-03
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
     480
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                            2.266E-03
1.843E-03
2.292E-03
                                                                                          0.000E+00
               2.588E-02
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     481
                                                                                                                                                       0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              2.106E-02
2.617E-02
                                             0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
     483
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
                                                            2.100E-03
2.974E-03
                                                                           0.000E+00
     484
               2.399E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
              3.397E-02
2.956E-02
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
     485
                              0-000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
                                                            2.588E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
     486
                                                                                                                                                       0.000E+00
0.000E+00
              3.160E-02
3.368E-02
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
                                                            2.765E-03
2.948E-03
                              0.000E+00
                                             0.000E+00
     487
                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
     488
                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                                             1.301E-03
                                                                           0.000E+00
0.000E+00
                                                                                           0,000E+00
                                                                                                          0.000E+00
               1.487E-02
                                             0.000E+00
     489
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
              2.111E-02
2.562E-02
                              0.000E+00
                                             0 000E+00
                                                            1.847E-03
2.242E-03
     490
                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                             0.000E+00
                              0-000E+00
     491
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                           0.000E+00
               3.165E-02
                              0.000E+00
                                             0.000E+00
                                                            2.770E-03
                                                                           0.000E+00
     492
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                            3.568E-03
4.201E-03
               4.078E-02
                              0.000E+00
                                             0.000E+00
     493
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
               4.801E-02
4.354E-02
                              0 000E+00
     494
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             3.809E-03
                                                                                           0.000E+00
     495
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                             4.258E-03
     496
               4.867E-02
                              0.000E+00
                                             0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             3.626E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               4.144E-02
3.719E-02
     497
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            3.254E-03
3.268E-03
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
     498
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           0.000E+00
               3.735E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                        0.000E+00
                                                             2.800E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                             0.000E+00
     500
               3.200E-02
                              0 000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
               2.412E-02
                                             0.000E+00
                                                             2.110E-03
                              0.000E+00
     501
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            1.436E-03
9.018E-04
               1.641E-02
                              0.000E+00
                                             0.000E+00
     502
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0 000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
               1.031E-02
6.743E-03
     503
                              0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            5.908E-04
2.454E-03
2.551E-03
                                                                           0.000E+00
                                                                                           0.000E+00
     504
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
               2.804E-02
2.915E-02
2.812E-02
                              0.000E+00
                                             0 000E+00
     505
                                                                                                                                        0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                         0 000E+00
                              0.000E+00
     506
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                           0.000E+00
                                                            2.462E-03
2.138E-03
                                                                           0.000E+00
0.000E+00
     507
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               2.441E-02
     508
                              0.000E+00
                                             0-000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                             2.398E-03
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
     509
               2.739E-02
                                                                                                                                        0.000E+00
                                                                                                                                                       0 000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                           0.000E+00
                              0.000E+00
                                             0.000E100
                                                             2.205E-03
                                                                           0.000E+00
     510
                                                                                                        OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -
                                                       ALL RECEPTORS,
                                                                          1991 MET
                                                                                       PM10
                                                                          g:\ace\GQ91\GQPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                           09:41:42
                                                                                                                                                         Page -
                                                                                                                                                                  101
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          Output File:
                                                                                                                                                       0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                             0.000E+00
                                                                                           0.000E+00
                                                                                                                         0 000E+00
               2.782E-02
                              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
                                                            2.418E-03
3.978E-03
2.628E-03
                                                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
     512
               2.762E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
               4.539E-02
3.002E-02
1.992E-02
                              0.000E+00
                                             0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
     514
515
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                            1.743E-03
2.289E-03
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               2.616E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                         0.000E+00
                                              0.000E+00
                                                             2.996E-03
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
               3.424E-02
                              0.000E+00
     517
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
     518
               4.664E-02
                              0.000E+00
                                              0.000E+00
                                                             4.081E-03
                                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                             4.600E-03
               5.258E-02
                              0.000E+00
                                             0.000E+00
                                                                                                                                         0 000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                             4.569E-03
                              0.000E+00
     520
               5.222E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
0.000E+00
               4.893E-02
                              0.000E+00
                                              0.000E+00
                                                             4.281E-03
                                                                            0.000E+00
                                                                                                          0.000E+00
     521
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                            0.000E+00
                                                             3.618E-03
3.563E-03
               4.135E-02
                              0.000E+00
                                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                              0.000E+00
     523
               4.072E-02
                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                             2.906E-03
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
               3,320E-02
                              0.000E+00
     524
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                             0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0 000E+00
                                                                                                          0.000E+00
     525
               2.329E-02
                              0.000E+00
                                                             2.038E-03
                                                             1.270E-03
7.707E-04
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                           0.000E+00
               1.452E-02
8.799E-03
     526
                              0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
     527
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                          0.000E+00
     528
               1.109E-02
                              0.000E+00
                                              0.000E+00
                                                             9.711E-04
1.145E-03
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
     529
               1.308E-02
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
                                                             1.280E-03
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0 000E+00
                                              0.000E+00
               1.462E-02
     530
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                                                           0.000E+00
                              0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                          0.000E+00
     531
               2.300E-02
                                              0.000E+00
                                                             2.012E-03
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
                                                             2.313E-03
2.612E-03
                                                                                           0.000E+00
     532
               2.643E-02
                              0.000E+00
                                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                              0.000E+00
     533
534
               2.985E-02
3.188E-02
                              0.000E+00
                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.791E-03
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                       0.000E+00
               3.136E-02
2.720E-02
                                                             2.745E-03
2.382E-03
                              0.000E+00
                                              0.000E+00
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                              0.000E+00
                              0.000E+00
     536
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
               2.908E-02
                              0.000E+00
                                              0.000E+00
                                                             2.546E-03
                                                                                           0.000E+00
     537
                                                                                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               3.198E-02
                              0.000E+00
                                              0.000E+00
                                                             2.800E-03
                                                                                                                                                        0.000E+00
                                                             2.111E-03
                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                                                           0.000E+00
                                                                                                                         0.000E+00
     539
               2.393E-02
2.742E-02
                              0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.399E-03
                                                                                           0.000E+00
     540
                                                                                                                          0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
               4.985E-02
                              0.000E+00
                                                             4.361E-03
                                                                                                                                         0.000E+00
                                                             4.779E-03
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
               5.463E-02
5.713E-02
     542
                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             4.998E-03
                                                                                           0.000E+00
                                                                                                          0.000E+00
     543
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
               4.626E-02
                              0.000E+00
                                              0.000E+00
                                                             4.048E-03
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
               4.438E-02
3.390E-02
                                              0.000E+00
                                                             3.883E-03
     545
                              0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                             2.967E-03
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0-000E+00
                              0.000E+00
     546
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                            0.000E+00
0.000E+00
               2.159E-02
                               0.000E+00
                                              0.000E+00
                                                             1.889E-03
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.047E-03
     548
               1.196E-02
                              0.000E+00
                                              0.000E+00
               1.45/E-U2
1.671E-02
                                                                                                                                                        0.000E+00
                                                                                                          0.000E100
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             1.275E-03
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
     549
                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.463E-03
1.580E-03
                                                                            0.000E+00
0.000E+00
     550
                              0.000E+00
                                              0.000E+00
                                                                                            0 000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
     551
               1.806E-02
                              0.000E+00
                                              0.000E+00
                                                             1.625E-03
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0 000E+00
               1.857E-02
                              0.000E+00
                                              0.000E+00
     552
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                          0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

1.702E-03

```
2.060E-02
2.493E-02
2.134E-02
                                                          1.803E-03
2.181E-03
1.866E-03
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     555
556
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     557
              2.793E-02
                             0.000E+00
                                            0.000E+00
                                                          2.443E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              2.826E-02
3.142E-02
                                                          2.472E-03
2.749E-03
                                                                         0.000E+00
                                                                                        0.000E+00
     558
                             0-000E+00
                                            0.000E+00
                             0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     559
                                                          3.030E-03
2.712E-03
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              3.462E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     560
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     561
              3.097E-02
                             0.000E+00
                                            0.000E+00
                                                          3.130E-03
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
     562
              3.573E-02
                             0.000E+00
                                                                                                     OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                         11/07/95
                                                                                                                                                             102
Input File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                       09:41:42
                                                                                                                                                    Page -
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                            0.000E+00
              4 507E-02
                             0 000E+00
                                                          3.976E-03
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                          7.322E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              8.347E-02
                             0.000E+00
     564
     565
              7.372E-02
                             0.000E+00
                                            0.000E+00
                                                          6.458E-03
5.618E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
              6.422E-02
5.179E-02
     566
                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                           4.531E-03
                                                                                        0.000E+00
                                                                                                                                    0.000E+00
     567
                                                                                                                                    0.000E+00
                                                          4.215E-03
2.954E-03
                                                                                        0.000E+00
              4.818E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              3.375E-02
                             0.000E+00
                                            0.000E+00
     569
                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
              1.875E-02
                             0.000E+00
                                            0.000E+00
                                                           1.641E-03
                                                                         0.000E+00
                                                                                        0.000E+00
     570
                                                                                        0.000E+00
                                                          1.650E-03
                                                                         0.000E+00
              1.885E-02
                             0.000E+00
                                            0.000E+00
                                                           1.825E-03
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              2.085E-02
2.325E-02
                                            0.000E+00
                                                                                        0.000E+00
                             0.000E+00
     572
                                            0.000E+00
                                                          2.035E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     573
                             0.000E+00
              2.525E-02
2.489E-02
2.569E-02
2.572E-02
2.512E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                          2.178E-03
2.248E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
     575
                             0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     576
                             0.000E+00
                                            0.000E+00
                                                           2.251E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                        0.000E+00
                                                           2.199E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
              2.404E-02
2.263E-02
2.556E-02
2.740E-02
                                            0.000E+00
                                                          2.104E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     578
                             0.000E+00
                                                           1.980E-03
2.236E-03
2.396E-03
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
     579
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0 000E+00
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
     580
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                             0.000E+00
     581
              2.893E-02
2.706E-02
2.919E-02
                                            0.000E+00
                                                           2.531E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     582
                             0.000E+00
                             0.000E+00
                                            0 000E+00
                                                          2.367E-03
2.554E-03
2.513E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                             0.000E+00
     584
              2.873E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                    0.000E+00
     585
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
              3.621E-02
3.951E-02
7.598E-02
                                                           3.168E-03
                                                                         0.000E+00
     586
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           3.459E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
     587
                                                                                                                                                   0.000E+00
                                                           6.647E-03
4.573E-03
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
     589
              5.227E-02
              3,237E-02
                             0.000E+00
                                            0.000E+00
                                                           2.833E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     590
                                                                                                                                                   0.000E+00
                                                          2.466E-03
2.651E-03
2.746E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0 000E+00
     591
              2.818E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     592
              3.029E-02
                             0.000E+00
                                            0.000E+00
               3.137E-02
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     593
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
                                                           2.735E-03
2.629E-03
2.454E-03
                                                                                                                      0.000E+00
              3.125E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
     594
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
     595
              3.004E-02
                             0.000E+00
                                            0 000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
               2.804E-02
                             0.000E+00
     596
                                                                                                                                                   0.000E+00
     597
               2.558E-02
                                            0.000E+00
                                                           2.238E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
              2.294E-02
2.032E-02
                                                           2.007E-03
1.778E-03
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     598
                             0 000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                          0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     599
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
     600
              1.784E-02
                             0.000E+00
                                            0.000E+00
                                                           1.561E-03
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
              1.557E-02
                                                           1.362E-03
     601
                             0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                           1.185E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
               1.354E-02
     602
                                                           5.674E-03
5.916E-03
6.191E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
              6.480E-02
                             0.000E+00
                                            0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
     603
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
              6.757E-02
7.073E-02
     604
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     605
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
               7.439E-02
                             0.000E+00
                                            0.000E+00
                                                           6.511E-03
6.892E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
     606
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
               7.875E-02
                                            0.000E+00
     607
                             0.000E+00
                                            0.000E+00
                                                           7.362E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0 000E+00
     608
               8.412E-02
                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           7.963E-03
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
               9.099E-02
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
     609
                                                           3.333E-03
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
     610
              3.807E-02
                             0.000E+00
                                                           3.292E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
               3.761E-02
                             0.000E+00
                                            0.000E+00
     611
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
              3.616E-02
                             0.000E+00
                                            0.000E+00
                                                           3.165E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
0.000E+00
     612
                                                                                        0.000E+00
     613
              3.269E-02
                                                           2.861E-03
                                                                         0.000E+00
                             0.000E+00
                                            0 000E+00
                                                           2.475E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                             0.000E+00
     614
               2.828E-02
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                  VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                    PM10
                                                                                                                         11/07/95
                                                                                                                                       09:41:42
                                                                                                                                                             103
Input File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                    Page -
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                           2.083E-03
                                                                                                                      0 000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                          0-000E+00
                                                                                        0.000E+00
               2.380E-02
                             0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                           1.847E-03
1.762E-03
     616
              2.111E-02
2.014E-02
                             0.000E+00
0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
               1.920E-02
                             0.000E+00
                                            0.000E+00
                                                           1.680E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                           1.601E-03
1.526E-03
              1.829E-02
1.744E-02
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
     619
                                            0 000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                                       0.000E+00
     620
                             0.000E+00
                                            0.000E+00
                                                           1.456E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0-000E+00
     621
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           1.391E-03
1.330E-03
                                                                          0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     622
              1.589E-02
1.520E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
     623
                                                                                                                                                   0.000E+00
                                                           1.273E-03
9.946E-03
                                                                                                                      0.000E+00
     624
               1.455E-02
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                          0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
     625
               1.136E-01
                             0.000E+00
                                                           1.031E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
               1.179E-01
     626
                                                                                                                                    0.000E+00
                                                                                                                                                   0.000E+00
     627
               1.222E-01
                             0.000E+00
                                            0.000E+00
                                                           1.070E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
0.000E+00
                                                           1.110E-02
1.157E-02
     628
               1,269E-01
                             0.000E+00
                                                                          0.000E+00
                                                                                                                      0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
     629
               1.322E-01
                                                                                                                                    0.000E+00
0.000E+00
               1.389E-01
                             0.000E+00
                                            0.000E+00
                                                           1.216E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
     630
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
               1.491E-01
                             0.000E+00
                                            0.000E+00
                                                           1.305E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                           1.458E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
     632
              1.666E-01
2.710E-02
                             0 000E+00
                                                                                                                                                   0.000E+00
     633
                             0.000E+00
                                            0.000E+00
                                                           2.372E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0-000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           2.128E-03
1.921E-03
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
               2.431E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
     634
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
     635
               2.195E-02
                             0.000E+00
     636
               2.020E-02
                             0.000E+00
                                            0.000E+00
                                                           1.768E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
     637
               1.879E-02
                             0.000E+00
                                            0.000E+00
                                                           1.644E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           1.540E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
     638
               1.760E-02
                             0.000E+00
     639
               1.655E-02
                             0.000E+00
                                            0.000E+00
                                                           1.448E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0 000E+00
     640
               1.563E-02
                             0.000E+00
                                            0.000E+00
                                                           1.367E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                          0.000E+00
     641
               1 480E-02
                             0.000E+00
                                            0.000E+00
                                                           1.295E-03
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

1.406E-02

0.000E+00

0.000E+00

1.230E-03

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0:000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
                                                          1.171E-03
                                                                        0.000E+00
                                                                                       0.000E+00
    643
644
              1.339E-02
1.277E-02
                                                                                                                                   0.000E+00
0.000E+00
                                                          1.118E-03
1.069E-03
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
    645
              1.221E-02
                            0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          1.024E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0-000E+00
                                                                                                                                   0.000E+00
    646
              1 170E-02
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                          9.825E-04
7.837E-03
                                                                        0.000E+00
0.000E+00
                                                                                                                     0.000E+00
              1.123E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
    648
              8.957E-02
                            0 000E+00
                                           0 0008+00
                                                                        0.000E+00
                                                                                                                                                  0 000E+00
                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                                            0.000E+00
                                                          7.746E-03
    649
              8.854E-02
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
    650
              8.694E-02
                                            0.000E+00
                                                          7.606E-03
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          7.416E-03
7.191E-03
                                                                        0.000E+00
                            0.000E+00
0.000E+00
              8.477E-02
                                            0.000E+00
                                            0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0...000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              8.220E-02
     652
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              7.986E-02
                             0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                          6.986E-03
                                                                        0.000E+00
     653
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          6.852E-03
                                                                        0.000E+00
              7.833E-02
                             0.000E+00
                                            0 000E+00
                                                                                                                                                  0.000E+00
                                                          6.747E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
              7.714E-02
     655
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                          4.032E-03
2.318E-03
                                                                        0.000E+00
0.000E+00
              4.609E-02
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
     656
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
     657
              2.647E-02
2.177E-02
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          1.905E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
     658
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              2.22E-02
                                                          1.945E-03
1.874E-03
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                        0.000E+00
     659
                                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              2.142E-02
1.980E-02
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          1.733E-03
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0 000E+00
     661
                                                                                                                                                  0.000E+00
                                                          1.554E-03
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              1.775E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     662
                                                                                                                                                 0.000E+00
0.000E+00
                                                          1.365E-03
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                            0.000E+00
              1,560E-02
                             0.000E+00
     663
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
              1.356E-02
                                            0.000E+00
                                                          1.187E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     664
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
              1.173E-02
                                                          1.027E-03
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                          9.250E-04
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0 000E+00
                                                                         0.000E+00
     666
              1.057E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                VERS. 93288 *
                                                                                   PM10
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                   Page -
                                                                                                                                                            104
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          8 585E-04
                                                                         0.000E+00
                                                                                       0.000E+00
              9.807E-03
                                                          7.867E-04
7.134E-04
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
     668
669
              8.986E-03
8.148E-03
                             0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                     0 000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          6.924E-04
                                                                         0.000E+00
     670
              7.911E-03
                             0.000E+00
                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          6,778E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
     671
672
              7.744E-03
7.556E-03
                             0.000E+00
                                            0.000E+00
                                                          6.614E-04
2.353E-03
2.650E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
              2.683E-02
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
              3.025E-02
     674
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                                                         0.000E+00
0.000E+00
     675
              3.314E-02
                                            0.000E+00
                                                          2.904E-03
                                                                                        0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          3.225E-03
3.590E-03
                                            0.000E+00
0.000E+00
              3.679E-02
                             0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     677
              4.096E-02
                                                          3.574E-03
                                                                                                                     0.000E+00
               4.071E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     678
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4.511E-02
                                                          3.953E-03
3.770E-03
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     680
              4.305E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
              6.886E-02
                                            0.000E+00
                                                           6.030E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
     681
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
               6.362E-02
                             0 000E+00
                                            0 000E+00
                                                          5.571E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                           8.123E-03
                                                                         0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     683
              9.284E-02
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
               1.331E-01
                             0.000E+00
                                            0.000E+00
                                                           1.164E-02
                                                                                        0.000E+00
                                                                                                                     0.000E+00
     684
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.654E-03
                                                                                        0.000E+00
                                                                                                                     0.000E+00
     685
              3.032E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                           1.824E-03
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              2.081E-02
                             0.000E+00
                                            0.000E+00
     686
                                                                                                                                                  0.000E+00
                                                          1.601E-03
1.348E-03
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
               1.826E-02
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
     687
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     688
               1.541E-02
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
0.000E+00
              1.693E-02
                             0,000E+00
                                            0.000E+00
                                                           1.482E-03
                                                                                        0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     689
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
               1.749E-02
                             0.000E+00
                                            0.000E+00
                                                           1.531E-03
                                                                         0.000E+00
                                                           1.510E-03
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                            0.000E+00
     691
              1.726E-02
1.646E-02
                             0 000E+00
                                            0.000E+00
                                                           1.441E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
     692
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.343E-03
1.231E-03
                                                                                        0.000E+00
               1.534E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
              1.406E-02
1.276E-02
     694
                             0 000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                           1.117E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
     695
                                                                                                                                    0.000E+00
                                                          1.007E-03
9.053E-04
                                                                                                      0.000E+00
               1.151E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
     696
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     697
              1.034E-02
9.954E-03
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           8.712E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
     698
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
               9.598E-03
                             0.000E+00
                                            0.000E+00
                                                           8.401E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     699
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                          8.007E-04
2.344E-03
                                                                         0.000E+00
     700
               9.147E-03
                             0 000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
     701
              2.673E-02
               2.285E-02
                                                           2.001E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     702
                             0.000E+00
                                            0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.791E-03
2.761E-03
     703
               3.178E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
     704
              3.147E-02
                             0.000E+00
                                            0 000E+00
                                                          3.483E-03
3.765E-03
3.647E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
               3.969E-02
     705
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
     706
               4.292E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
     707
               4.157E-02
                             0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.111E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
               4.694E-02
     708
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                           5.465E-03
6.020E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
               6.243E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
     710
               6.879E-02
                             0.000E+00
                                                                                                                                    0.000E+00
               8.506E-02
                                                           7.445E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
     711
                                                           1.016E-02
2.469E-03
2.169E-03
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.161E-01
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     713
               2.821E-02
                             0.000E+00
                                                                                                                                                  0.000E+00
               2.477E-02
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
     714
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               2.096E-02
                             0.000E+00
                                            0.000E+00
                                                           1.836E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
     715
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                           1.345E-03
1.053E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
               1.534E-02
                             0.000E+00
                                            0.000E+00
     716
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.203E-02
                             0 000E+00
                                            0.000E+00
                                                                                        0.000E+00
     717
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.164E-02
                             0.000E+00
                                            0.000E+00
                                                           1.019E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
     718
                                                                                                     OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                        1991 MET,
                                                                        g:\ace\GQ91\GQPACE.OUT
                                                                                                                         11/07/95
                                                                                                                                      09:41:42
                                                                                                                                                             105
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                   Page -
                                                        Output File:
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                           1.129E-03
               1.290E-02
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.386E-02
1.428E-02
                                                           1.213E-03
1.249E-03
1.246E-03
                                                                                                                     0.000E+00
0.000E+00
     720
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
     721
                             0.000E+00
0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
     722
               1.423E-02
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
0.000E+00
               1.384E-02
                             0.000E+00
                                            0.000E+00
                                                           1.211E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
     723
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
               1.322E-02
                             0.000E+00
                                            0.000E+00
                                                           1.157E-03
1.090E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
               1.245E 02
1.162E-02
     725
726
                                            0 000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.017E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
     727
               1.077E-02
                             0.000E+00
                                            0.000E+00
                                                           9.427E-04
                                                                         0.000E+00
                                                                                        0.000E+00
                                                           8.697E-04
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
     728
729
              9.934E-03
2.910E-02
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                           2.550E-03
2.754E-03
                                                                                                                     0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
     730
               3.138E-02
                             0.000E+00
                                            0 000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
```

0.000E+00

2,908E-03

0.000E+00

3 314E-02

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
3.111E-03
2.639E-03
3.700E-03
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
    732
733
              3.545E-02
3.009E-02
                            0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0,000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
              4.219E-02
                                                                                                   0.000E+00
    734
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                         3,443E-D3
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              3 923E-02
                                          0.000E+00
    735
                            0.000E+00
    736
              5.697E-02
                            0.000E+00
                                          0.000E+00
                                                         4.987E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.00DE+00
                                                                                                                                0.0002+00
                                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    737
              6.037E-02
                            0.000E+00
                                          0-000E±00
                                                         5.285E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
                                                         6.496E-03
                                                                       0.000E+00
                                                                                     0.000E+00
    738
              7.426E-02
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
    739
              9.259E-02
                            0.000E+00
                                          0.000E+00
                                                         8.102E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                  0.0002+00
                                                                                                                                0.000E+00
                                                                                                   O. DDDE+OO
    740
                                                        8.500E-03
                                                                       0.000E+00
                                                                                     0.000E+00
              9.716E-02
                            0.000E+00
                                          0_000E+00
                                                         2.845E-03
                                                                                                   0.000E+00
                                                                                                                                              0.000E+00
              3.251E-02
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    741
              2.905E-02
                                                                                                                                              0.000E+00
0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.541E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    742
                                                         1,802E-03
                                                                       0.000E+00
                                                                                                   0.000E+00
              2.058E-02
2.061E-02
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    743
                            0.000E+00
                                          0.000E+00
                                                                                                                                D.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         1.805E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
    744
                                                                                                                                              0.000E+00
0.000E+00
    745
                            0.000E+00
                                          0.000E+00
                                                         1.315E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0 000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
              1.000E-02
                            0.000E+00
                                          0.000E+00
                                                         8.752E-04
                            0.000E+00
                                                         1,001E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.143E-02
                                          0.000E+00
    747
                                                                                                                                              0.000E+00
0.000E+00
              1.096E-02
                                                         9.596E-04
9.751E-04
                                                                                                   0.000E+00
0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.0000
    748
                                                                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
    749
              1.114E-02
                            0.000E+00
                                          0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
              1.102E-02
                            0.000E+00
                                          0.000E+00
                                                         9.645E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    750
                                                         1.022E-03
    751
              1.168E-02
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                         1.050E-03
                                                                       0.000E+00
                                                                                     0.000E+00
    752
              1.200E-02
                            0.000E+00
                                          0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                         1.054E-03
                                                                       0.000E+00
                                                                                     0,000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    753
              1.204E-02
                            0.000E+00
                                           0.000E+00
                                                         1.037E-03
1.007E-03
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
              1.185E-02
                            0.000E+00
                                          0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
                                          0.000E+0D
    755
              1.150E-02
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                         9.656E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
              1.103E-02
                            0.000E+00
                                           0.000E+00
    756
                                                        2.677E-03
2.909E-03
2.521E-03
                                                                                                                                0.000E+00
0.000E+00
              3.051E-02
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
                                          0.000E+00
    758
              3.323E-02
     759
              2.872E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                0.000E+00
              3.481E-02
3.581E-02
                            0.000E+00
                                          0.000E+00
                                                         3.053E-03
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
     760
                                                         3.140E-03
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.00DE+00
                                                                                                                                              0.000E+00
                                          0.000E+00
    761
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              3.807E-02
                                           0.000E+00
                                                         3.340E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0_000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.00DE+00
                            0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                   0.000E+00
                                                         3.602E-03
                                                                       0.000E+00
                                                                                     a.000E+00
    763
              4.104E-02
                            0.000E+00
                                          0.000E+00
                                                         4.207E-03
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0:000E+00
              4.806E-02
                            0.000E+00
    764
                                                         5.245E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E \pm 00
                                                                                                                                              0.000E+00
                            0.000E+00
                                           0.000E+00
     765
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                    0.000E+00
              6.471E-02
9.690E-02
                                                         5.666E-03
8.480E-03
                                                                       0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                     0 000E+00
     766
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                     0.000E+00
    767
                            0.000E+00
                                                         7.076E-03
2.239E-03
3.093E-03
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
     768
              8.088E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
              2.559E-02
                                                                                                    0.0002+00
                            0.0002+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              3.534E-02
                                                                       0.000E+00
                                                                                                    0.000E+00
                                          0.000E+00
                            0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                     11/07/95
                                                                                                                                  09:41:42
                                                                                                                                               Page -
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              3.525E-02
                            0.000E+00
                                          0.000E+00
                                                         3.084E-03
                                                                       0.000E+00
                                                                                                                                0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              2,503E-02
                            0.000E+00
                                           0.000E+00
                                                         2.191E-03
                                                                       0.000E+00
                                                                                     0.000E+00
    772
                                                                                                                                0.000E+00
              1.691E-02
                            0.000E+00
                                           0.000E+00
                                                         1.481E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
             1.890E-02
1.361E-02
7.589E-03
9.791E-03
                                                                                                    0.000E+00
                                                                                                                  0,000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    774
                            0.000E+00
                                          D. 000E+00
                                                         1.655E-03
                            0.000E+00
    775
                                                         1.193E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              O. DOGE+OD
                                           0.000E+00
                                           0.000E100
                                                         6.641E-04
8.568E-04
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                              0.0000000
                            0,000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0 000E+00
                                                                                                                                0.000E+00
    776
                                                                                                                                0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                              0.0000+00
                                                                       0.000E+00
                            0 000E+00
                                           0 000E+00
                                                         9.461E-04
              1.081E-02
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    778
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.028E-02
                            0.000E+00
                                           0.000E+00
                                                         9.002E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.029E-02
1.031E-02
                                                                       0.000E+00
    780
                            0.000E+00
                                          n_cone+no
                                                         9.003E-04
9.026E-04
                            0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0,000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                           0.000E+00
     781
                                                         8.383E-04
                                                                                                                                              0.000E+00
              9.579E-03
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.006E-02
1.032E-02
                                                         A. BD3E-04
                                                                       0.000E+00
     783
                            0 000E+00
                                           0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.0002+00
                                                                                                                                              0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         9.036E-04
                                                                       0,000E+00
     784
                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         9.105E-04
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
              1.040E-02
                                                                       0.000E+00
0.000E+00
                                                         2.728E-03
2.033E-03
                                                                                     0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
              3.110E-02
2.317E-02
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
    786
                            0.000E+00
                                           0.000E+00
                            0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                           0.000E+00
     787
                                                         2.505E-03
2.745E-03
2.758E-03
                                                                                                                                              0.000E+00
              2.856E-02
                            0,000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E \pm 00
     788
                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                0.D00E+00
              3,130E-02
                                                                                     0.000E+00
                                                                                                    0.000E+00
     789
                            0 000E+00
                                           0.000E+00
                                                                       0.000E+00
0.000E+00
              3.143E-02
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                           0.000E+00
     790
                                                                                                                                              0.000E+00
              3.464E-02
                                           0.000E+00
                                                         3.041E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                            0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
              4.762E-02
4.721E-02
                                                         4.169E-03
4.132E-03
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
    792
                            0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                           0.000E+00
     793
              5.987E-02
                            0,000E+00
                                           0.000E+00
                                                         5.237E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0 0008+00
                                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                    0.000E+00
     795
              7.112E-02
                            0.000E+00
                                           0.000E+00
                                                         6.223E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
              9.664E-02
                            0 000E+00
                                           0 0005+00
                                                         8.456E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
     796
              6.780E-02
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
     797
                            0.000E+00
                                           0.000E+00
                                                         5.933E-03
                                                                                                                                              0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                                0.000E+00
     798
              2.463E-02
                            0.000E+00
                                           0.000E+00
                                                         2.156E-03
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                         2.936E-03
2.338E-03
     799
              3 354E-02
                            0.000E+00
                                           0.000E+00
              2.671E-02
2.277E-02
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                  0,000E+00
                                                                                                                                0.000E+00
                            0.000E+00
                                                                                                    0.000E+00
                                           0.000E+00
    800
                                                                                                                                0.0D0E+00
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.993E-03
                                                                                                    0 000E+00
     801
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
              2.225E-02
                                                         1.948E-03
    802
                            0.000E+00
                                           0.000E+00
                                                         1.319E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.00DE+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    803
              1.507E-02
                            0.000E+00
                                           0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              1.744E-02
                            0.000E+00
                                           0.000E+00
                                                         1.527E-03
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0.000E+00
     804
                                                                                                    0.000E+00
                                                                                                                                0.000E+00
                                                                                      0.000E+00
              1.258E-02
                                                         1.102E-03
                                                                       0.000E+00
    805
                            0.000E+00
                                           0 000E+00
              6.070E-03
7.790E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    806
                            0.000E+00
                                           0.000E+00
                                                         5.320E-04
                                                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         6.817E-04
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
     807
                                                                                                                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.00DE+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
    ROR
              9.523E-03
                            0.000E+00
                                           0.000E+00
                                                         8.334E-04
                                                                       0.0002+00
                            0.000E+00
                                                         8.945E-04
                                                                                      0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.022E-02
                                           0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+D0
    809
                                                                                                                                              0.000E+00
0.000E+00
                                                         8.445E-04
              9.645E-03
    810
                             0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0,000E+00
                                                                                                                                0.000E+00
    811
              9.468E-03
                            0.000E+00
                                           0.000E+00
                                                         8,286E-04
                                                                       0.000E+00
              9.739E-03
                                                         8.525E-04
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                           0.000E+00
    812
                                                         8.122E-04
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
    813
                                           0.000E+00
                                                                       0.000E+00
                                                                                                                                0.000E+00
              8.455E-03
                            0.000E+00
                                           0.000E+00
                                                         7.399E-04
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.0002+00
    814
    ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:
                                                                                                                                              0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
              0.000E+00
                            0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
```

11/07/95 09:41:42

Page -

Output File: g:\ace\GQ91\GQPACE.OUT

Input File: g:\ace\GQ91\GQPACE.DAT

```
KECEPTOR
                           Zn
                                                NTXPM
                    0.000E+00
0.000E+00
0.000E+00
                                         9.029E+02
3.881E+02
         3
                                         3.686E+02
                                        1.114E+03
1.084E+03
1.047E+03
6.395E+02
7.703E+02
                    0.000E+00
                    0.000E+00
0.000E+00
          5
6
7
                    0.000E+00
                    0.000E+00
0.000E+00
          8
                                         8.078E+02
                    0.000E+00
0.000E+00
                                         1.009E+03
8.508E+02
        10
        11
12
                    0.000E+00
0.000E+00
0.000E+00
                                         9.791E+02
        13
14
15
                                         2.836E+03
2.821E+03
2.761E+03
                    0.000E+00
                                         2.462E+03
5.596E+02
1.068E+03
        16
17
18
                    0.000E+00
0.000E+00
0.000E+00
        19
20
21
22
                                         1.017E+03
1.298E+03
1.178E+03
                    0.000E+00
                    0.000E+00
0.000E+00
                    0.000E+00
0.000E+00
                                         1.141E+03
1.031E+03
        23
24
25
                                         9.999E+02
1.620E+03
1.651E+03
                    0.000E+00
                    0.000E+00
0.000E+00
        26
27
28
29
                    0.000E+00
                                         2.891E+03
                                         3.524E+03
3.523E+03
2.938E+03
1.672E+03
                    0.000E+00
0.000E+00
         30
                    0.000E+00
        31
                    0.000E+00
                                         1.688E+03
2.989E+03
3.527E+03
3.514E+03
        32
         33
                    0.000E+00
                    0.000E+00
0.000E+00
        34
                                         3.483E+03
3.425E+03
3.785E+03
5.258E+03
6.031E+03
2.925E+03
         36
                    0.000E+00
        37
38
                    0.000E+00
                    0.000E+00
         39
                    0.000E+00
         40
                    0.000E+00
0.000E+00
         41
         42
                     0.000E+00
                                         2.649E+03
                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 108
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00
                                         1.811E+03
1.964E+03
2.680E+03
        44
45
46
47
                     0.000E+00
                    0.000E+00
0.000E+00
                     0.000E+00
                                         2.341E+03
                    0.000E+00
0.000E+00
                                         2.041E+03
2.997E+03
         48
         49
50
                     0.000E+00
                                         3.278E+03
         51
52
53
54
55
56
57
                     0.000E+00
                                         3.987E+03
                                         4.467E+03
2.008E+03
                     0.000E+00
                     0.000E+00
                    0.000E+00
0.000E+00
                                         1.725E+03
1.501E+03
                                          1.323E+03
                     0.000E+00
                                         1.173E+03
1.076E+03
                     0.000E+00
         58
59
                     0.000E+00
                     0.000E+00
                                          9.898E+02
         60
                     0.000E+00
                                          1.125E+03
                                          1.168E+03
         61
                     0.000E+00
                                          1.272E+03
1.297E+03
                     0.000E+00
         62
63
                     0.000E+00
                                         1.265E+03
1.169E+03
2.007E+03
                    0.000E+00
0.000E+00
         65
66
67
                     0.000E+00
                                          2,263E+03
2,549E+03
                     0.000E+00
                     0.000E+00
         68
69
                     0.000E+00
                                          2,999E+03
                                          3.407E+03
1.684E+03
         70
71
72
73
74
75
                     0.000E+00
                     0.000E+00
                                          1.564E+03
8.553E+02
8.561E+02
                     0.000E+00
                     0.000E+00
                     0.000E+00
                     0.000E+00
         76
77
78
                                          1.370E+03
1.437E+03
2.050E+03
1.774E+03
                     0.000E+00
                     0.000E+00
                     0.000E+00
         79
                     0.000E+00
                                          1.397E+03
1.199E+03
         80
                     0.000E+00
                     0.000E+00
         81
                                          1.197E+03
1.478E+03
                     0.000E+00
0.000E+00
```

83

0.000E+00

1.894E+03

```
0.000E+00
                                   2.109E+03
       85
                  0.000E+00
                                   2.092E+03
       86
                  0.000E+00
                                   1.972E+03
1.641E+03
                  0.000E+00
       88
                  0,000E+00
                                   1.517E+03
       89
                  0.000E+00
                                   1.092E+03
9.497E+02
       91
92
                 0.000E+00
                  0.000E+00
                                   8.659E+02
                  0.000E+00
                                   8.770E+02
                  0.000E+00
                                   6.840E+02
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                   11/07/95 09:41:42 Page -
                 0.000E+00
0.000E+00
                                   6.105E+02
8.700E+02
       96
97
                  0.000E+00
                                   9.447E+02
                  0.000E+00
0.000E+00
                                   1.027E+03
1.320E+03
       98
       99
      100
                  0.000E+00
                                    1.376E+03
                                   1.183E+03
7.313E+02
7.168E+02
      101
102
                  0.000E+00
0.000E+00
      103
                  0.000E+00
      104
                  0.000E+00
0.000E+00
                                   8.219E+02
      105
      106
                  0.000E+00
                                    8.835E+02
                  0.000E+00
0.000E+00
                                   9.529E+02
2.153E+03
      107
      108
                  0.000E+00
                                    1.418E+03
      109
      110
111
                  0.000E+00
0.000E+00
                                    8.639E+02
                                    1.187E+03
                  0.000E+00
                                    1.471E+03
                  0.000E+00
0.000E+00
                                    2.265E+03
      113
                                   2.795E+03
2.303E+03
1.979E+03
      114
                  0.000E+00
                  0.000E+00
0.000E+00
      116
117
                                   2.353E+03
2.577E+03
                  0.000E+00
                                   2.499E+03
2.115E+03
      119
120
                  0.000E+00
0.000E+00
                                   2.173E+03
2.339E+03
      121
                  0.000E+00
      122
123
                  0.000E+00
0.000E+00
                                    2.618E+03
2.256E+03
2.667E+03
                  0.000E+00
0.000E+00
0.000E+00
      124
      125
      126
                                    3.032E+03
                  0.000E+00
0.000E+00
                                   3.097E+03
3.002E+03
      127
      128
                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
      129
                                    2.788E+03
      130
                                    2.227E+03
2.318E+03
      131
      132
                                    3.444E+03
      133
                  0.000E+00
                                    4.178E+03
4.375E+03
                  0.000E+00
0.000E+00
      134
      135
                                    3.066E+03
      136
                  0.000E+00
                                    1.944E+03
                  0.000E+00
0.000E+00
                                    1.660E+03
      137
138
                                    1.590E+03
2.539E+03
1.890E+03
                  0.000E+00
0.000E+00
0.000E+00
      139
      140
                                    2.537E+03
1.786E+03
      141
      142
                  0.000E+00
                                    1.344E+03
1.522E+03
                  0.000E+00
0.000E+00
      143
      144
                  0.000E+00
                                    1.156E+03
                                    1.027E+03
      146
                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                   11/07/95 09:41:42 Page -
                  0.000E+00
                  0.000E+00
0.000E+00
                                    8.691E+02
8.325E+02
      148
      149
150
                  0.000E+00
                                    1.022E+03
      151
                  0.000E+00
0.000E+00
                                    1.064E+03
1.081E+03
      152
      153
                  0.000E+00
                                    1.070E+03
                  0.000E+00
0.000E+00
0.000E+00
      154
155
                                    1.059E+03
1.045E+03
                                    9.930E+02
      156
                  0.000E+00
0.000E+00
0.000E+00
      157
                                    1.063E+03
      158
159
                                    1.101E+03
      160
                  0.000E+00
                                    1.068E+03
      161
162
                  0.000E+00
0.000E+00
                                    1.113E+03
1.131E+03
      163
                  0.000E+00
                                    1.095E+03
                  0.000E+00
0.000E+00
      164
                                    1.201E+03
      165
                                    1.278E+03
                  0.000E+00
                                    1.288E+03
      167
                  0.000E+00
                                    1.265E+03
                  0.000E+00
                                    9.192E+02
      168
                                    9.042E+02
9.880E+02
9.206E+02
                  0.000E+00
                  0.000E+00
      170
                  0.000E+00
                  0 000E+00
                                    1.013E+03
                  0.000E+00
                                    1.052E+03
```

```
1.042E+03
1.001E+03
      174
175
                    0.000E+00
                    0.000E+00
                   0.000E+00
0.000E+00
                                        1.207E+03
      176
                                       1.204E+03
1.353E+03
                   0.000E+00
0.000E+00
      1/8
      179
                   0.000E+00
0.000E+00
0.000E+00
                                       1.367E+03
1.818E+03
      181
                                       1.815E+03
1.792E+03
1.764E+03
      182
                   0.000E+00
0.000E+00
      184
185
                                        1.735E+03
                                       1.174E+03
1.241E+03
                    0.000E+00
                    0.000E+00
      187
                   0.000E+00
0.000E+00
                                       1.232E+03
1.052E+03
1.130E+03
      188
      189
                   0.000E+00
0.000E+00
      190
                                        1.172E+03
      191
                    0.000E+00
0.000E+00
                                        1.185E+03
1.898E+03
      192
      193
                    0.000E+00
                                        1.453E+03
      194
                    0.000E+00
0.000E+00
0.000E+00
                                        1.308E+03
1.228E+03
1.272E+03
      195
      196
      197
                    0.000E+00
                                        1.292E+03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 111
                    0.000E+00
                                        1.347E+03
      200
                    0.000E+00
0.000E+00
                                        1.351E+03
1.309E+03
                    0.000E+00
                                        1.244E+03
      202
                                        1.265E+03
2.111E+03
                    0.000E+00
0.000E+00
      203
      204
      205
                    0.000E+00
                                        1.551E+03
                    0.000E+00
0.000E+00
                                        1.416E+03
1.387E+03
      206
      207
                    0.000E+00
                                        1.399E+03
                                        1.412E+03
1.576E+03
2.080E+03
                    0.000E+00
0.000E+00
      209
210
                    0.000E+00
                                        1.406E+03
1.300E+03
                    0.000E+00
0.000E+00
      212
213
                                        1.405E+03
1.959E+03
1.568E+03
                    0.000E+00
      215
216
                    0.000E+00
0.000E+00
                    0.000E+00
                                        1.521E+03
                    0.000E+00
0.000E+00
                                        1.535E+03
1.576E+03
      218
219
                                        1.777E+03
2.674E+03
2.595E+03
                    0.000E+00
                    0.000E+00
0.000E+00
      221
222
                    0.000E+00
                                        1.525E+03
1.446E+03
1.927E+03
      224
225
                    0.000E+00
0.000E+00
                                        1.751E+03
1.757E+03
2.635E+03
1.883E+03
       226
                    0.000E+00
                    0.000E+00
0.000E+00
       227
228
       229
                    0.000E+00
                                        2.145E+03
2.605E+03
2.654E+03
2.076E+03
                    0.000E+00
0.000E+00
0.000E+00
      230
231
                    0.000E+00
0.000E+00
       233
                                        2.533E+03
       234
                                        2.830E+03
2.585E+03
2.524E+03
                    0.000E+00
       236
237
                    0.000E+00
0.000E+00
                    0.000E+00
                                        2.582E+03
       238
                                        2.407E+03
2.495E+03
       239
                    0.000E+00
                    0.000E+00
0.000E+00
       240
       241
                                        2.638E+03
                    0.000E+00
                                        2.717E+03
2.700E+03
                    0.000E+00
0.000E+00
       243
       244
                                        2.522E+03
                    0.000E+00
                                        6.487E+02
7.753E+02
       246
247
                    0.000E+00
                    0.000E+00
                    0.000E+00
                                        7.963E+02
                                        6.694E+02
                    0.000E+00
       249
                    0.000E+00
                                        6.193E+02
       250
                                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 11/07/95 09:41:42 Page - 112
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
       251
252
253
                                        8.375E+02
8.202E+02
                    0.000E+00
                    0.000E+00
0.000E+00
                                         7.725E+02
                                        8.765E+02
8.134E+02
       254
                    0.000E+00
                    0.000E+00
0.000E+00
       255
       256
                                         8.614E+02
       257
                    0.000E+00
                                        6.925E+02
8.331E+02
                    0.000E+00
0.000E+00
       258
259
                                        3.615E+02
1.806E+02
       260
                    0.000E+00
                    0.000E+00
       261
                                        3.121E+02
                    0.000E+00
```

```
0.000E+00
                                     4.033E+02
     263
                  0.000E+00
                                      3.724E+02
      264
      265
                  0.000E+00
0.000E+00
                                     4.892E+02
5.397E+02
     266
     267
                  0.000E+00
                                      5,436E+02
                                     5,436E+02
5,551E+02
5,906E+02
7,107E+02
6,914E+02
7,013E+02
9,224E+02
5,393E+02
7,118E+02
8,242E+02
     268
                  0.000E+00
0.000E+00
      269
                  0.000E+00
     271
272
                  0.000E+00
0.000E+00
     273
274
275
                   0.000E+00
                  0.000E+00
                   0.000E+00
                  0.000E+00
0.000E+00
0.000E+00
      276
                                      8.002E+02
      278
                                      6.102E+02
7.657E+02
8.878E+02
                   0.000E+00
                  0.000E+00
0.000E+00
      280
      281
                                      8.600E+02
8.514E+02
8.881E+02
                   0.000E+00
                  0.000E+00
0.000E+00
      283
      284
                  0.000E+00
0.000E+00
      285
                                      8.823E+02
                                      7.287E+02
      286
      287
                   0.000E+00
                                      5.154E+02
3.229E+02
                  0.000E+00
0.000E+00
      289
      290
                   0.000E+00
                                      2.384E+02
                                      3.765E+02
4.187E+02
                   0.000E+00
0.000E+00
      291
      292
      293
                   0.000E+00
                                      4.707E+02
                   0.000E+00
0.000E+00
                                      5.383E+02
5.825E+02
5.556E+02
      294
      295
      296
                   0.000E+00
      297
                   0.000E+00
0.000E+00
                                      6.198E+02
                                      6.080E+02
      298
                                      7.620E+02
7.228E+02
                   0.000E+00
      299
                   0.000E+00
0.000E+00
      300
                                      8.085E+02
      301
                   0.000E+00
                                      1.016E+03
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 11/07/95 09:41:42 Page - 113
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                   0.000E+00
                                      1.045E+03
      303
                                      4.799E+02
6.025E+02
7.770E+02
                   0.000E+00
0.000E+00
0.000E+00
      305
      306
                   0.000E+00
                                      8.673E+02
7.815E+02
                   0.000E+00
0.000E+00
      308
                                      6.528E+02
9.055E+02
      309
                   0.000E+00
                                      8.983E+02
8.053E+02
      311
312
313
                   0.000E+00
                   0.000E+00
                   0.000E+00
0.000E+00
                                      9.468E+02
8.980E+02
      314
                                      7.667E+02
      315
                   0.000E+00
                                      8.632E+02
5.214E+02
2.744E+02
                   0.000E+00
      317
318
                   0.000E+00
                   0.000E+00
                   0.000E+00
                                      3.173E+02
                                      4.296E+02
4.279E+02
5.265E+02
      320
                   0.000E+00
                   0.000E+00
      321
      322
                   0.000E+00
                                      6.147E+02
5.513E+02
      323
                   0.000E+00
                   0.000E+00
      324
      325
                   0.000E+00
                                      6.474E+02
                                      6.504E+02
8.136E+02
7.504E+02
      326
                   0.000E+00
                   0.000E+00
      327
328
                   0.000E+00
      329
                   0.000E+00
                                      9.283E+02
                                      1.106E+03
1.063E+03
                   0.000E+00
      330
                   0.000E+00
      331
                                      8.476E+02
6.752E+02
5.057E+02
                   0.000E+00
      333
                   0.000E+00
                   0.000E+00
      334
       335
                   0.000E+00
                                      6.694E+02
                                      8.442E+02
8.988E+02
7.315E+02
                   0.000E+00
0.000E+00
      336
      337
                   0.000E+00
                                      8.348E+02
9.189E+02
      339
                   0.000E+00
0.000E+00
      340
                                      8.394E+02
9.829E+02
9.076E+02
                   0.000E+00
      342
                   0.000E+00
                   0.000E+00
      343
                    0.000E+00
                                      8.059E+02
                                      8.988E+02
5.215E+02
      345
                   0.000E+00
                   0.000E+00
      346
347
                                      2,318E+02
3,906E+02
                    0.000E+00
                    0.000E+00
                                      4.641E+02
5.181E+02
      349
                   0.000E+00
       350
                    0.000E+00
                                      6.343E+02
6.128E+02
6.720E+02
                   0.000E+00
0.000E+00
```

352

353

0.000E+00

0.000E+00

6.976E+02

```
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 11
                    0.000E+00
0.000E+00
                                          8.695E+02
7.767E+02
       356
357
                     0.000E+00
                                          1.058E+03
                     0.000E+00
0.000E+00
                                          1.181E+03
1.048E+03
       359
                     0.000E+00
                                          1.015E+03
       360
                                          1.129E+03
6.988E+02
7.106E+02
                     0.000E+00
                     0.000E+00
0.000E+00
       362
363
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                          5.354E+02
7.399E+02
       364
       365
       366
                                          9.133E+02
9.090E+02
       367
                                          6.934E+02
9.806E+02
9.400E+02
9.923E+02
       368
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
       370
       371
                                          9.109E+02
       372
                     0.000E+00
0.000E+00
0.000E+00
                                          8.453E+02
9.418E+02
       373
       374
375
                                           5.121E+02
                     0.000E+00
0.000E+00
0.000E+00
       376
377
                                          3.237E+02
4.567E+02
                                          4.817E+02
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                          6.341E+02
6.734E+02
6.910E+02
7.531E+02
9.354E+02
       379
       380
       382
       383
                     0.000E+00
                                          8.732E+02
                     0.000E+00
0.000E+00
                                          1.193E+03
       385
                                          1.231E+03
9.930E+02
       386
                     0.000E+00
0.000E+00
0.000E+00
       387
                                          1.179E+03
1.185E+03
       388
       389
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                          1.018E+03
5.538E+02
       390
       391
                                          7.106E+02
7.485E+02
5.987E+02
       392
       393
       394
       395
                                           8.165E+02
                     0.000E+00
0.000E+00
0.000E+00
                                          9.819E+02
                                           8.821E+02
       397
                                          9.326E+02
9.828E+02
9.733E+02
       398
                     0.000E+00
0.000E+00
0.000E+00
       399
       400
                                           9.251E+02
       401
                     0.000E+00
0.000E+00
                                          8.858E+02
9.664E+02
       402
       403
                                          4.864E+02
4.073E+02
5.216E+02
                     0.000E+00
       404
       405
                     0.000E+00
0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:41:42 Page - 115
                     0.000E+00
0.000E+00
0.000E+00
       407
                                           6.086E+02
                                          7.250E+02
7.011E+02
       408
       409
       410
                     0.000E+00
0.000E+00
                                          8.174E+02
1.013E+03
       411
                     0.000E+00
                                          1.039E+03
       412
                     0.000E+00
0.000E+00
0.000E+00
                                          1.321E+03
1.239E+03
       414
415
                                          1.196E+03
                     0.000E+00
                                           1.292E+03
        416
                                          1.153E+03
8.768E+02
                     0.000E+00
0.000E+00
       417
       418
                     0.000E+00
                                           9.509E+02
                                          7.844E+02
6.540E+02
7.177E+02
7.892E+02
        420
                     0.000E+00
       421
422
                     0.000E+00
                     0.000E+00
        423
                     0.000E+00
                     0.000E+00
0.000E+00
       424
425
                                           6.620E+02
                                           9.053E+02
                                           1.039E+03
8.005E+02
                     0.000E+00
                     0.000E+00
       427
                     0.000E+00
0.000E+00
0.000E+00
                                           1.040E+03
       428
                                           9.226E+02
                                          1.014E+03
9.521E+02
        430
                     0.000E+00
        431
                     0.000E+00
0.000E+00
                                           9.928E+02
4.357E+02
       433
                                          4.820E+02
5.582E+02
7.548E+02
7.013E+02
                     0.000E+00
        434
        435
                     0.000E+00
                     0.000E+00
0.000E+00
       436
        437
                                           8.916E+02
1.108E+03
1.226E+03
                     0.000E+00
       439
                     0.000E+00
                     0.000E+00
       440
                     0.000E+00
0.000E+00
                                           1.426E+03
1.191E+03
       442
                     0.000E+00
                                           1.384E+03
        443
```

1.307E+03

```
0.000E+00
                                      1.014E+03
                   0.000E+00
                                       1.035E+03
      447
                   0 000E+00
                                       1.065E+03
9.757E+02
                   0.000E+00
      448
                                       7.434E+02
8.327E+02
7.726E+02
7.182E+02
                   0.000E+00
      449
      450
451
                   0.000E+00
0.000E+00
                   0.000E+00
      452
                   0.000E+00
0.000E+00
                                       8.332E+02
7.278E+02
      453
454
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       1.015E+03
1.058E+03
1.067E+03
1.007E+03
       455
      456
457
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 116
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT * Output File: g:\ace\GQ91\GQPACE.OUT
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       1.055E+03
1.014E+03
      460
                                       1.059E+03
      461
462
                                       4.276E+02
5.922E+02
7.495E+02
                   0.000E+00
0.000E+00
       463
      464
      465
                   0.000E+00
                                       7.831E+02
                   0.000E+00
0.000E+00
0.000E+00
                                       9.747E+02
                                       1.224E+03
      467
       468
                                       1.425E+03
                   0.000E+00
0.000E+00
0.000E+00
                                       1.484E+03
1.437E+03
1.475E+03
       469
      470
471
                   0.000E+00
0.000E+00
0.000E+00
                                       1.184E+03
       472
                                       1.134E+03
       473
                                       1.155E+03
      475
476
                   0.000E+00
0.000E+00
                                       1.028E+03
                                       8.185E+02
5.958E+02
8.576E+02
                    0.000E+00
      478
479
                   0.000E+00
0.000E+00
                                        7.490E+02
       480
                    0.000E+00
                                       8.335E+02
8.717E+02
                   0.000E+00
0.000E+00
       481
       482
                                        7.090E+02
                   0.000E+00
0.000E+00
0.000E+00
       483
                                        8.816E+02
                                        8,081E+02
       484
                                       1.144E+03
9.957E+02
       485
       486
                   0.000E+00
                   0.000E+00
0.000E+00
                                       1.064E+03
       487
                                        1.134E+03
       488
                                       5.007E+02
7.105E+02
8.622E+02
       489
                   0.000E+00
       490
                   0.000E+00
0.000E+00
       491
       492
                   0.000E+00
                                       1.066E+03
                   0.000E+00
0.000E+00
                                       1.373E+03
       493
                                        1.616E+03
       494
                                       1.465E+03
1.638E+03
       495
                    0.000E+00
      496
497
                   0.000E+00
                   0.000E+00
                                        1.395E+03
       498
                    0.000E+00
                                        1.252E+03
                   0.000E+00
0.000E+00
       499
                                       1.257E+03
                                        1.077E+03
       500
       501
                    0.000E+00
                                        8.118E+02
                                       5.524E+02
3.469E+02
2.273E+02
                   0.000E+00
0.000E+00
       502
       503
                    0.000E+00
                   0.000E+00
0.000E+00
                                       9.442E+02
9.815E+02
       505
       506
                    0.000E+00
                                        9.472E+02
                                       8.225E+02
9.224E+02
       508
                   0.000E+00
                    0.000E+00
       509
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                   11/07/95 09:41:42 Page - 117
                   0.000E+00
0.000E+00
                                       9.368E+02
9.304E+02
       512
       513
                    0.000E+00
                                        1.531E+03
                                       1.011E+03
6.706E+02
8.804E+02
       514
515
                   0.000E+00
0.000E+00
       516
                    0.000E+00
                                       1.153E+03
1.570E+03
1.770E+03
1.757E+03
1.647E+03
1.392E+03
                   0.000E+00
0.000E+00
0.000E+00
       517
518
                   0.000E+00
0.000E+00
       520
       521
522
                    0.000E+00
                   0.000E+00
0.000E+00
                                       1.371E+03
1.118E+03
       523
       524
       525
                    0.000E+00
                                        7.839E+02
                   0.000E+00
0.000E+00
0.000E+00
                                       4.887E+02
2.965E+02
3.736E+02
       526
       527
       528
       529
                   0.000E+00
                                        4.406E+02
       530
                   0.000E+00
                                        4.922E+02
7.739E+02
                   0.000E+00
       531
       532
                   0.000E+00
                                        8.897E+02
```

1.005E+03

```
1.074E+03
1.056E+03
                  0.000E+00
      534
                  0.000E+00
      535
                                     9.166E+02
9.797E+02
                  0.000E+00
      536
                  0.000E+00
                                     1.077E+03
      538
                  0.000E+00
                                    8.138E+02
9.228E+02
                  0.000E+00
      539
      540
                  0.000E+00
                  0.000E+00
                                     1.678E+03
                  0.000E+00
0.000E+00
                                     1.838E+03
      542
      543
                                     1.922E+03
                  0.000E+00
0.000E+00
                                     1.557E+03
      545
                                     1.141E+03
7.267E+02
                  0.000E+00
      546
                  0.000E+00
0.000E+00
      547
      548
      549
                  0.000E+00
                                     4.906E+02
                                     5.627E+02
                  0.000E+00
0.000E+00
      550
                                     6.079E+02
      551
                  0.000E+00
0.000E+00
0.000E+00
                                     6.252E+02
6.547E+02
      552
      553
      554
                                     6.938E+02
                  0.000E+00
0.000E+00
0.000E+00
                                     8.387E+02
7.177E+02
      555
      556
557
                                      9.395E+02
                  0.000E+00
                                     9.507E+02
1.058E+03
      559
                  0.000E+00
0.000E+00
                                      1.165E+03
      560
                  0.000E+00
                                     1.043E+03
                                    1.204E+03
      562
                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:41:42 Page - 118
                  0.000E+00
0.000E+00
0.000E+00
                                     1.533E+03
2.818E+03
2.485E+03
      563
564
565
                  0.000E+00
0.000E+00
0.000E+00
                                     2.161E+03
1.743E+03
      566
567
       568
                                      1.622E+03
                                     1.136E+03
6.314E+02
      569
                  0.000E+00
0.000E+00
      570
                  0.000E+00
                                      6.346E+02
       571
                  0.000E+00
0.000E+00
0.000E+00
                                     7.022E+02
7.829E+02
       572
      573
                                      8.380E+02
       574
                  0.000E+00
0.000E+00
0.000E+00
                                      8.650E+02
8.661E+02
       575
       576
       577
                                      8.458E+02
                                     8.094E+02
7.619E+02
8.601E+02
                  0.000E+00
0.000E+00
0.000E+00
      578
      579
       580
                                     9.217E+02
9.734E+02
                  0.000E+00
0.000E+00
      581
      582
       583
                   0.000E+00
                                      9.104E+02
                  0.000E+00
0.000E+00
                                     9.822E+02
9.666E+02
      584
      585
                                     1.219E+03
1.331E+03
2.557E+03
1.759E+03
       586
                   0.000E+00
      587
588
                  0.000E+00
0.000E+00
       589
                   0.000E+00
                  0.000E+00
0.000E+00
                                     1.090E+03
9.487E+02
       590
       591
       592
                   0.000E+00
                                      1.020E+03
                                     1.056E+03
1.052E+03
1.011E+03
       593
                   0.000E+00
      594
595
                  0.000E+00
0.000E+00
       596
                   0.000E+00
                                      9.439E+02
                                      8.611E+02
7.722E+02
                   0.000E+00
0.000E+00
       597
       598
                   0.000E+00
                                      6.839E+02
                                      6.004E+02
5.240E+02
       600
                   0.000E+00
0.000E+00
       601
       602
                   0.000E+00
                                      4.557E+02
                                      2.183E+03
       603
                   0.000E+00
                   0.000E+00
                                      2.276E+03
       604
       605
                   0.000E+00
                                      2.382E+03
                                      2.505E+03
2.651E+03
       606
                   0.000E+00
                   0.000E+00
0.000E+00
       607
                                      2.832E+03
       608
                                      3.063E+03
       609
                   0.000E+00
                                      1.282E+03
                   0.000E+00
0.000E+00
       610
                                      1.266E+03
1.217E+03
1.101E+03
       611
                   0.000E+00
                   0.000E+00
       613
                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 119
                   0.000E+00
                                      8.012E+02
                                      7.106E+02
6.780E+02
                   0.000E+00
       616
       617
                   0.000E+00
                   0.000E+00
0.000E+00
                                      6.463E+02
6.159E+02
       618
                                      5.872E+02
5.603E+02
5.351E+02
       620
                   0.000E+00
                   0.000E+00
       621
                   0.000E+00
```

```
0.000E+00
0.000E+00
      623
                                     5.116E+02
                                     4.897E+02
      624
                  0.000E+00
                                     3.826E+03
                                     3.968E+03
      626
                  0.000E+00
                                     4.115E+03
                  0.000E+00
      627
                  0.000E+00
                                     4.272E+03
                                     4.450E+03
4.678E+03
                  0.000E+00
0.000E+00
      629
      630
      631
                  0.000E+00
                                     5.019E+03
                                     5.611E+03
9.127E+02
                  0.000E+00
0.000E+00
      633
      634
                  0.000E+00
                                     8.186E+02
                                     7.388E+02
6.799E+02
6.325E+02
5.922E+02
                  0.000E+00
0.000E+00
      636
      637
                  0.000E+00
      638
                  0.000E+00
                                     5.571E+02
5.260E+02
4.982E+02
4.732E+02
                  0.000E+00
0.000E+00
      639
      640
      641
642
                  0.000E+00
0.000E+00
                                     4.506E+02
4.300E+02
      643
                  0.000E+00
      644
                  0.000E+00
0.000E+00
                  0.000E+00
                                     3.939E+02
3.780E+02
                  0.000E+00
0.000E+00
      647
648
                                     3.015E+03
                                     2.980E+03
2.926E+03
      649
                  0.000E+00
                  0.000E+00
      650
651
                  0.000E+00
                                     2.852E+03
                                     2.766E+03
2.687E+03
      652
                  0.000E+00
                  0.000E+00
      653
654
                  0.000E+00
                                     2.635E+03
                                     2.595E+03
1.551E+03
                  0.000E+00
                  0.000E+00
      656
657
                                     8.920E+02
7.327E+02
7.480E+02
                  0.000E+00
      658
                  0.000E+00
                  0.000E+00
      659
                  0.000E+00
                                     7.211E+02
      660
                                     6.669E+02
5.978E+02
                  0.000E+00
0.000E+00
      662
                                     5.253E+02
4.566E+02
3.953E+02
3.559E+02
                  0.000E+00
      663
                  0.000E+00
0.000E+00
      665
                  0.000E+00
                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                             11/07/95 09:41:42 Page -
                  0.000E+00
0.000E+00
                                     3.303E+02
                                     3.027E+02
2.745E+02
2.664E+02
      669
670
                  0.000E+00
0.000E+00
                                     2.607E+02
2.544E+02
9.057E+02
                  0.000E+00
                  0.000E+00
0.000E+00
      672
673
                  0.000E+00
                                     1.020E+03
                                     1.117E+03
1.241E+03
                  0.000E+00
0.000E+00
      675
      676
                   0.000E+00
                                      1.382E+03
       678
                  0.000E+00
0.000E+00
                                     1.376E+03
1.521E+03
      679
                   0.000E+00
                                      1.450E+03
       680
                  0.000E+00
0.000E+00
0.000E+00
                                     2.320E+03
2.144E+03
       681
      682
                                      3.124E+03
       683
                  0.000E+00
0.000E+00
0.000E+00
                                     4.478E+03
1.021E+03
7.021E+02
       684
      685
      686
       687
                   0.000E+00
                                     6.161E+02
5.186E+02
      688
                  0.000E+00
0.000E+00
                                      5.700E+02
5.889E+02
      689
       690
                   0.000E+00
      691
692
                  0.000E+00
0.000E+00
                                      5.810E+02
                                      5.165E+02
4.736E+02
4.298E+02
       693
                   0.000E+00
      694
                  0.000E+00
      695
                   0.000E+00
                   0.000E+00
                                      3.875E+02
                                      3.483E+02
3.352E+02
       697
                  0.000E+00
0.000E+00
      698
      699
                   0.000E+00
                                      3.232E+02
                  0.000E+00
0.000E+00
0.000E+00
       700
                                      3.080E+02
                                      9.019E+02
7.704E+02
       701
       702
                                      1.075E+03
1.063E+03
                  0.000E+00
0.000E+00
0.000E+00
       703
      704
705
                                      1.341E+03
                                      1.449E+03
1.404E+03
1.582E+03
       706
                   0.000E+00
                   0.000E+00
0.000E+00
       707
       708
      709
710
711
                                      2.103E+03
2.316E+03
2.864E+03
                   0.000E+00
                   0.000E+00
                   0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
                                      3.907E+03
9.499E+02
8.344E+02
       712
      713
714
                   0.000E+00
                                      7.066E+02
```

```
5.175E+02
4.051E+02
3.921E+02
                  0.000E+00
     716
     717
                   0.000E+00
                  0.000E+00
    FIN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10

At File: g:\ace\CQ91\GQPACE.DAT

Output File: g:\ace\CQ91\GQPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Paga = 121
     it File: g:\ace\GQ91\GQPACE.DAT
                                      4.343E+02
                   0.000E+00
                                      4.666E+02
4.806E+02
                  0.000E+00
0.000E+00
      720
      721
722
                   0.000E+00
                                      4.791E+02
                                      4.660E+02
                  0.000E+00
0.000E+00
      723
      724
                                      4.450E+02
                                      4.193E+02
3.913E+02
3.627E+02
                   0.000E+00
                   0.000E+00
0.000E+00
      726
727
                                      3.346E+02
9.813E+02
                   0.000E+00
      729
730
                   0.000E+00
0.000E+00
                                      1.060E+03
                   0.000E+00
0.000E+00
0.000E+00
      731
                                      1.120E+03
                                      1.197E+03
1.016E+03
      732
733
      734
735
                   0.000E+00
0.000E+00
                                      1.424E+03
1.326E+03
      736
                   0.000E+00
                                      1.919E+03
2.033E+03
                   0.000E+00
0.000E+00
0.000E+00
      737
                                      2.499E+03
      738
                                      3.117E+03
3.270E+03
      739
                   0.000E+00
0.000E+00
0.000E+00
      740
                                      1.095E+03
9.775E+02
6.933E+02
      741
      742
743
744
                   0.000E+00
0.000E+00
0.000E+00
                                      6.947E+02
5.059E+02
3.367E+02
      745
                   0.000E+00
0.000E+00
      746
747
                                       3.849E+02
                                      3.692E+02
3.751E+02
3.710E+02
3.930E+02
      748
                   0.000E+00
      749
750
                   0.000E+00
0.000E+00
      751
                   0.000E+00
                                       4.040E+02
      752
753
                   0.000E+00
                   0.DD0E+00
                                       4.053E+02
      754
755
                   0.000E+00
0.000E+00
                                      3.991E+02
3.872E+02
                                       3.715E+02
      756
                   0.000E+00
                                      1.031E+03
1.119E+03
9.704E+02
      757
                   0.000E+00
                   0.000E+00
0.000E+00
      758
      759
                   0.000E+00
                                       1.175E+03
1.209E+03
      760
      761
                   0.000E+00
0.000E+00
                                       1.286E+03
      762
763
                   0.000E+00
                                       1.387E+03
                   0.000E+00
0.000E+00
                                       1.619E+03
      764
                                       2.018E+03
      765
                   0.000E+00
0.000E+00
0.000E+00
                                       2.180E+03
3.262E+03
      766
      767
                                      2.722E+03
8.614E+02
1.190E+03
      768
                   0.000E+00
0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                   11/07/95 09:41:42 Page -
                   0.000E+00
                                       1.186E+03
      772
773
                   0.000E+00
0.000E+00
                                       8.430E+02
5.696E+02
                                       6.369E+02
4.590E+02
2.554E+02
3.296E+02
       774
                   0.000E+00
      775
                   0.000E+00
                   0.000E+00
0.000E+00
      776
777
                   0.000E+00
0.000E+00
0.000E+00
                                       3.640E+02
3.463E+02
3.464E+02
       778
       779
       780
                                       3.472E+02
3.225E+02
3.386E+02
       781
                   0.000E+00
                   0.000E+00
       782
                   0.000E+00
       783
                                       3.476E+02
3.503E+02
       784
                   0.000E+00
                   0.000E+00
       785
                                       1.050E+03
7.827E+02
                   0.000E+00
       786
       787
                    0.000E+00
                                       9.642E+02
1.057E+03
       788
                   0.000E+00
       789
                    0.000E+00
                    0.000E+00
                                       1.062E+03
       790
                                       1.171E+03
1.604E+03
      791
792
                   0.000E+00
                    0.000E+00
       793
                    0.000E+00
                                        1.590E+03
                                       2.015E+03
2.394E+03
      794
795
                   0.000E+00
0.000E+00
                    0.000E+00
                                       3.253E+03
       796
                                       2.282E+03
8.293E+02
                   0.000E+00
0.000E+00
       797
       798
                                       1.129E+03
8.994E+02
7.669E+02
7.494E+02
                    0.000E+00
                   0.000E+00
0.000E+00
       800
       801
                    0.000E+00
       802
                                       5.077E+02
5.877E+02
```

803

804

0.000E+00 0.000E+0D

```
805 0.000E+00 4.241E+02
806 0.000E+00 2.047E+02
807 0.000E+00 3.206E+02
808 0.000E+00 3.206E+02
810 0.000E+00 3.249E+02
811 0.000E+00 3.188E+02
812 0.000E+00 3.280E+02
813 0.000E+00 3.280E+02
814 0.000E+00 3.280E+02
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, FM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 123

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	ACETA	ACROL	As	BENZE	Be	Cd	Cr	Cu	НСНО	HCN
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 40 40 40 40 40 40 40 40 40 40 40 40	0.000E+00	0.000E+00	1.636E-05 1.710E-05 1.710E-05 2.723E-05 2.723E-05 2.449E-05 1.909E-05 1.909E-05 3.306E-05 3.306E-05 2.849E-05 2.849E-05 2.849E-05 1.42E-05 1.42E-05 1.42E-05 1.421E-05	0.000E+00	1.393E-06 7.819E-07 7.728E-07 1.753E-06 1.710E-06 1.560E-06 1.366E-06 1.384E-06 2.887E-06 3.221E-06 3.356E-06 4.219E-06 7.523E-06 1.777E-06 2.193E-06 1.777E-06 2.193E-06 1.779E-06 1.734E-06 1.799E-06 1.734E-06 1.734E-06 1.734E-06 1.734E-06 1.734E-06 1.738E-06 1.734E-06 1.738E-06 1.738E	6.118E-07 6.217E-07 6.217E-07 6.185E-07 1.006E-06 1.000E-06 9.054E-07 7.364E-07 7.364E-07 7.712E-07 1.249E-06 1.103E-06 1.103E-06 1.102E-06 1.102E-06 1.264E-06 4.214E-07 7.083E-07 1.024E-06 1.264E-07 5.725E-07 5.427E-07 5.427E-07 5.427E-07 5.600E-07 5.140E-07 5.659E-07 6.295E-07	1.025E-07 1.037E-07 1.032E-07 1.678E-07 1.678E-07 1.508E-07 1.173E-07 1.276E-07 2.076E-07 2.987E-08 2.489E-07 1.863E-07 1.863E-07 2.120E-07 1.863E-07 2.120E-07 1.864E-07 1.290E-07 1.684E-08 9.090E-08 8.049E-08 9.090E-08 8.049E-08 9.521E-08 9.090E-08 8.049E-08 9.521E-08 9.090E-08 8.049E-08 9.10E-08 8.049E-08 9.112E-08 9.210E-08 8.680E-08 7.878E-08 9.25E-07 1.007E-07 1.14E-07 1.14E-07 1.14E-07 1.07E-07 2.073E-07 2.073E-07 2.073E-07 2.073E-07 2.073E-07 2.074E-07	0.000E+00 0.000E+00	0.000E+00 0.000E+00	8.090E-02 9.727E-02 9.561E-02 1.258E-01 1.245E-01 1.346E-01 8.432E-02 8.936E-02 9.632E-02 1.544E-01 4.328E-01 4.328E-01 4.328E-01 4.328E-01 2.576E-01 2.576E-01 2.576E-01 2.576E-01 2.576E-01 2.576E-02 3.34E-02 3.36E-
GOLDEN QUER	EN MINING - S : g:\ace\GQ91	SOLEDAD MTN I L\GQPACE.DAT	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, Pt g:\ace\GQ91	410 * \GQPACE.OUT	OUTPUT OF A	MI/SBCAPCD AC 11/07/95	E2588 MODEL 09:41:42	VERS. 93288 * Page - 124
43 44 45 46 47 48 49 50 51 53 54 55 56 57 86 61 62 63	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.153E-05 2.367E-05 2.024E-05 3.177E-05 3.973E-05 4.212E-05 4.147E-05 4.148E-05 3.923E-05 3.923E-05 3.667E-05 3.066E-05 2.354E-05 2.354E-05 2.11E-05 1.885E-05 2.037E-05 2.022E-05 2.229E-05 2.480E-05	0.000E+00 0.000E+00	3.576E-06 2.562E-06 2.130E-06 3.497E-06 4.610E-06 5.973E-06 5.304E-06 3.779E-06 3.171E-06 2.621E-06 2.353E-06 2.147E-06 1.985E-06 1.631E-06 1.631E-06 1.724E-06 1.724E-06 1.780E-06 1.780E-06	1.184E-06 9.032E-07 7.740E-07 1.192E-06 1.483E-06 1.611E-06 1.613E-06 1.581E-06 1.349E-06 1.143E-06 1.007E-06 9.130E-07 8.230E-07 7.339E-07 7.339E-07 7.844E-07 8.494E-07 9.278E-07	2.018E-07 1.511E-07 1.28PE-07 2.029E-07 2.537E-07 2.757E-07 2.689E-07 2.581E-07 2.450E-07 1.909E-07 1.659E-07 1.328E-07 1.211E-07 1.185E-07 1.279E-07 1.279E-07 1.279E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.447E-01 1.735E-01 1.326E-01 2.183E-01 4.360E-01 1.935E-01 1.241E+00 8.733E-01 1.351E+00 1.004E+00 9.916E-01 3.531E-01 2.798E-01 2.228E-01 2.228E-01 2.521E-01 3.072E-01 3.724E-01

```
2.015E-06
2.176E-06
2.660E-06
3.134E-06
                                                                                                                                                 4 599E-01
                                                                                      1.036E-06
                                                                                                     1.744E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                         0.000E+00
0.000E+00
                                           2.814E-05
3.285E-05
                            0.000E+00
     64
             0.000E+00
                                                                                                                                                  5.469E-01
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                     2.027E-07
2.287E-07
                                                                                       1.206E-06
                            0.000E+00
0.000E+00
              0-000E+00
                                                                                       1.361E-06
                                                                                                                                   0.000E+00
                                                                                                                                                  9.916E-01
                                                                                                                    0.000E+00
                                           3.689E-05
                                                         0 000E+00
              0.000E+00
     66
67
                                                                                                                                                  8 178E-01
                                                                                       1.650E-06
                                                                                                     2.742E-07
                                                                                                                    0 000E+00
                                                                                                                                   0 000E+00
                                           4.424E-05
5.541E-05
                                                         0 000E+00
                            0.000E+00
               000E+00
                                                                                                                                                  1,217E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                     3.435E-07
4.757E-07
                                                                        3.898E-06
                                                                                       2.08/E-06
                                                         0.000E+00
     68
70
71
72
73
74
75
              0 000E+00
                            0.000E100
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 2 000E+00
1 570E+00
                                                                                       3.624E-06
                            0.000E+00
                                             522E-05
                                                         0.000E+00
                                                                        5.701E-06
8.796E-06
              0.000E+00
                                                                                                     6.452E-07
5.291E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                         0.000E+00
                                           1.014E-04
              0.000E+00
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.061E+00
                                                                                       3 796E-06
                                                         0.000E+00
                                                                        5.984E-06
                            0.000E+00
                                           8.438E-05
              0.000E+00
                                                                                                     3.546E-07
2.913E-07
2.430E-07
3.120E-07
                                                                                                                                                  7.435E-01
5.000E-01
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        3.651E-06
2.210E-06
                                                                                       2.461E-06
                                           5.700E-05
4.796E-05
              0.000E+00
                            0.000E+00
                                                         0.000E+00
                                                                                                                                   0.000E+00
                                                         0.000E+00
                                                                                       1.763E-06
                                                                                                                    0.000E+00
              0.000E+00
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  3.588E-01
                                                                                                                    0.000E+00
                                                                        1.942E-06
3.470E-06
                                                                                       1.489E-06
2.278E-06
                            0.000E+00
                                           3.989E-05
                                                         0.000E+00
              0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  3.860E-01
                                           4.974E-05
              0.000E+00
                            0.000E+00
                                                         0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.198E-01
                                                                                                     3.095E-07
4.011E-07
     76
77
78
                                                                        2.476E-06
                                                                                       1.965E-06
                                                                                                                    0.000E+00
                                           5.069E-05
                                                         0.000E+00
              0.000E+00
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.279E-01
                                                                        2.818E-06
3.351E-06
                                                                                       2.597E-06
                            0.000E+00
                                           6.594E-05
                                                          0.000E+00
              0.000E+00
                                                                                       2.687E-06
                                                                                                     3.919E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.129E-01
3.521E-01
                            0.000E+00
                                           6.366E-05
                                                         0 000E+00
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                                                        3.024E-06
                                                                                       2.180E-06
                                                                                                     3.073E-07
                                                                                                                    0.000E+00
                                           4.944E-05
              0.000E+00
                            0.000E+00
                                                                                                                                                  2.908E-01
                                                                                                                                   0.000E+00
                                                                                                     2.381E-07
                                                                                                                    0.000E+00
                                                                        2.417E-06
1.997E-06
1.507E-06
                                                                                       1.655E-06
1.280E-06
                            0.000E+00
                                           3.831E-05
                                                         0.000E+00
              0.000E+00
     80
                                                                                                      1.869E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.391E-01
                                           3.001E-05
2.379E-05
                             0.000E+00
                                                         0.000E+00
              0.000E+00
     81
                                                                                                                                   0.000E+00
                                                                                                                                                  1,973E-01
                                                                                                     1.471E-07
1.812E-07
                                                          0.000E+00
                                                                                       9.456E-07
                                                                                                                    0 000E+00
                            0 000E+00
              0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.132E-01
              0.000E+00
0.000E+00
                             0.000E+00
                                           2.876E-05
                                                          0.000E+00
                                                                        2.249E-06
                                                                                       1.286E-06
     83
                                                                                       1.452E-06
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.236E-01
                                                                        2.480E-06
                                                                                                      1.962E-07
      84
                             0.000E+00
                                           3 100E-05
                                                          0.000E+00
                                                                                                                                                  2.235E-01
                                                                                                      1.758E-07
2.024E-07
                                                                                                                                   0.000E+00
                                           2.855E-05
                                                                        1.731E-06
                                                                                       1.097E-06
                                                                                                                    0.000E+00
                                                          0.000E+00
      85
              0.000E+00
                             0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2,201E-01
                                                                                                                    0.000E+00
                                                                        2.365E-06
2.453E-06
                                                                                       1.342E-06
1.340E-06
                                           3.241E-05
                                                          0.000E+00
              0.000E+00
0.000E+00
                             0.000E+00
      86
                                                                                                      2.029E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2,102E-01
                             0.000E+00
                                           3 243E-05
                                                          0.000E+00
      87
                                                                                                                                   0.000E+00
                                                                                                                                                  1.949E-01
                                                          0.000E+00
                                                                         3.652E-06
                                                                                       1.728E-06
                                                                                                      2.430E-07
1.843E-07
                                                                                                                    0.000E+00
                                           3.799E-05
                            0.000E+00
0.000E+00
              0.000E+00
                                                                                                                                                  1.775E-01
1.735E-01
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                       1.154E-06
                                           2.966E-05
                                                          0.000E+00
                                                                        2.106E-06
              0.000E+00
      89
                                                                                                                                   0.000E+00
0.000E+00
                                                                                       1.305E-06
                                                                                                      2.081E-07
                                                                                                                    0.000E+00
                                                                        2.406E-06
              0.000E+00
                             0.000E+00
                                           3 346E-05
                                                          0 000E+00
      90
                                                                                                                                                  1.701E-01
                                                                                                                    0.000E+00
                                           4.232E-05
                                                          0 000E+00
                                                                         3.632E-06
                                                                                       1.741E-06
                                                                                                      2.668E-07
                             0.000E+00
              0.000E+00
                                                                                       1.640E-06
                                                                                                      2.653E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.653E-01
                                                                        3.077E-06
2.750E-06
                                            4.270E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
      92
                                                                                       1.650E-06
                                                                                                      2.734E-07
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  1.688E-01
      93
              0.000E+00
                             0.000E+00
                                           4 444E-05
                                                          0.000E+00
                                                                                                                                                  1.731E-01
                                                                                       1.701E-06
                                                                                                      2.837E-07
                                                                                                                    0.000E+00
                                                          0.000E+00
                                           4.640E-05
              0.000E+00
                             0 000E+00
                                                                       1991 MET, PM10
g:\ace\GQ91\GQPACE.OUT
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 125
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                       Output File:
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                      2.884E-07
                                                                                                                                   0.000E+00
                                                                                                                                                  1.835E-01
                                                          0.000E+00
                                                                         2.264E-06
                                                                                       1.729E-06
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                           4.743E-05
                                                                                                      2.969E-07
3.518E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.953E-01
                                                                        2.075E-06
2.588E-06
                                                                                       1.782E-06
2.118E-06
                                            4.907E-05
                                                          0.000E+00
      96
97
                             0.000E+00
              0.000E+00
                                                                                                                                                  2.121E-01
2.343E-01
                                                                                                                     0,000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            5.801E-05
                                                          0,000E+00
              0.000E+00
                                                                                                                                   0.000E+00
                                                                                       2.710E-06
                                                                                                      4.423E-07
                                                                                                                     0.00E+00
                                            7 244E-05
                                                          0.000E+00
                                                                         3.734E-06
      98
              0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.617E-01
                                                                                                      5.594E-07
5.686E-07
                                                                                                                     0.000E+00
                                            9.089E-05
                                                          0.000E+00
                                                                         5.386E-06
                                                                                       3.514E-06
3.704E-06
                             0.000E+00
      99
              0.000E+00
                                                                                                                                                  2.521E-01
2.269E-01
                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                           9.121E-05
                                                          0.000E+00
                                                                         6.576E-06
              0.000E+00
                             0.000E+00
     100
                                                                                                      4.494E-07
3.500E-07
3.481E-07
                                                                         4.406E-06
                                                                                       2.799E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          0.000E+00
              0.000E+00
                             0.000E+00
                                            7.299E-05
     101
                                                                                                                                                  2.066E-01
                                                                                                                                   0.000E+00
                                            5.753E-05
                                                          0.000E+00
                                                                         2.791E-06
                                                                                       2.103E-06
2.102E-06
                                                                                                                     0.000E+00
                             0.000E+00
     102
              0.00000
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.960E-01
                                                                         3 328E-06
              0.000E+00
                             0.000E+00
                                            5.672E-05
                                                          0.000E+00
     103
                                                                                                                                                  1.904E-01
                                                          0.000E+00
                                                                                                      3.231E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         3.321E-06
                                                                                       1.958E-06
     104
              0.000E+00
                             0.000E+00
                                            5.243E-05
                                                                                                      3.016E-07
2.990E-07
                                                          0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.806E-01
                                            4.905E-05
                                                                         2.996E-06
                                                                                       1.818E-06
     105
              0.000E+00
                             0 000E+00
                                                                                                                                                  1.755E-01
1.791E-01
                                                                         3.531E-06
4.075E-06
                                                                                       1.864E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                            4.803E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     106
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                                                                       1.953E-06
                                                                                                      2.967E-07
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            4,699E-05
     107
                                                                                                                                                  2.008E-01
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      5.764E-07
                                            8.887E-05
                                                          0.000E+00
                                                                         1.092E-05
                                                                                       3.701E-06
2.982E-06
              0.000E+00
                             0 000E+00
     108
                                                                                                                                                  1.981E-01
2.009E-01
                                                                                                      4.458E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              0.000E+00
                                            6.958E-05
5.758E-05
                                                          0.000E+00
                                                                         7 221E-06
                             0.000E+00
     109
                                                                                                      3.575E-07
4.167E-07
                                                                                                                                   0.000E+00
                                                                         4.069E-06
                                                                                       2.225E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     110
                                                                                       2.773E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.226E-01
                                            6.618E-05
                                                          0.000E+00
                                                                         5.462E-06
                             0.000E+00
     111
              0.000E+00
                                                                                                      5.362E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  2.492E-01
2.466E-01
                                                                                       3.631E-06
                                            8.394E-05
9.932E-05
1.785E-04
                                                          0.000E+00
0.000E+00
                                                                         8.308E-06
              0.000E+00
                             0.000E+00
     112
                                                                                        4.208E-06
                                                                                                      6.421E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         1.162E-05
              0.000E+00
                             0.000E+00
                                                                                                                                                  2.748E-01
3.046E-01
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         2.418E-05
1.531E-05
                                                                                       7.065E-06
5.205E-06
                                                                                                      1.165E-06
                             0.000E+00
                                                          0.000E+00
     114
              0.000E+00
                                                                                                      8.173E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              0.000E+00
                             0.000E+00
                                            1.262E-04
                                                          0 000E+00
     115
                                                                                                                                                  2.996E-01
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                            8 318E-05
                                                                         8.644E-06
                                                                                       3.625E-06
                                                                                                      5.336E-07
                                                                                                                     0 000E+00
              0.000E+00
                             0.000E+00
                                                                                                      6.949E-07
                                                                                                                                                  3.258E-01
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                            1.079E-04
                                                                         1.228E-05
2.460E-05
                                                                                       4.447E-06
7.529E-06
                             0.000E+00
                                                          0.000E+00
              0.000E+00
     117
                                                                                                                                                  3.401E-01
3.893E-01
                                                                                                      1.230E-06
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                            1.891E-04
                                                          0.000E+00
              0.000E+00
     118
                                                                                                                                   0.000E+00
                                                          0.000E+00
                                                                         6.517E-06
                                                                                       3.612E-06
                                                                                                      5.236E-07
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            8.323E-05
                                                                                                      5.056E-07
5.970E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.454E-01
                                            8.151E-05
                                                                         4.829E-06
                                                                                       3.562E-06
                                                          0.000E+00
                             0.000E+00
     120
              0.000E+00
                                                                                        4.098E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.588E-01
                                                                         6 329E-06
                                            9.590E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     121
                                                          0.000E+00
                                                                                                      6.483E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  4.123E-01
                                                                         8.872E-06
                                                                                        4.336E-06
               0.000E+00
                             0.000E+00
                                            1.026E-04
     122
                                                                                                                                                  4.370E-01
                                                                                                                                   0.000E+00
                                                                                        6.704E-06
                                                                                                      1.054E-06
9.058E-07
                                                                                                                     0.000E+00
                                            1.646E-04
                                                          0.000E+00
                                                                         1.760E-05
                             0 000E+00
     123
              0.000E+00
                                                                                       5.910E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.885E-01
                                                                         1.201E-05
2.067E-05
                                                          0.000E+00
                             0.000E+00
                                            1.439E-04
     124
              0.000E+00
                                                                                                                                                  5.169E-01
5.468E-01
                                                                                                      1.287E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        8.127E-06
                             0.000E+00
                                            2.019E-04
3.071E-04
                                                          0.000E+00
0.000E+00
               0.000E+00
     125
                                                                                                                                    0.000E+00
                                                                                       1.214E-05
1.336E-05
                                                                                                      1.974E-06
2.212E-06
                                                                                                                     0.000E+00
              0.000E+00
                             0 000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.650E-01
                                            3.409E-04
                             0.000E+00
                                                          0.000E+00
                                                                         4.368E-05
              0.000E+00
     127
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4 019E-01
                                                                         3,236E-05
                                                                                        1.036E-05
                                                                                                      1.673E-06
                                            2.581E-04
1.570E-04
               0.000E+00
                             0.000E+00
                                                          0 000E+00
     128
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.485E-01
                                                                         1.677E-05
                                                                                        6.488E-06
                                                                                                      1.006E-06
                                                          0.000E+00
     129
              0.000E+00
                             0.000E+00
                                                                                                      8.461E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.971E-01
                                            1.332E-04
                                                          0.000E+00
                                                                         1.282E-05
1.274E-05
                                                                                        5.446E-06
                             0.000E+00
               0.000E+00
     130
                                                                                        5.803E-06
                                                                                                      9.217E-07
                                                                                                                     0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                  3.063E-01
               0.000E+00
                             0.000E+00
                                            1.464E-04
                                                          0.000E+00
     131
                                                                                                                                    0.000E+00
                                                                                                                                                  3.388E-01
                                                                         3.510E-05
                                                                                        1.105E-05
                                                                                                      1.855E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
                                            2.876E-04
               0.000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.846E-01
                                                                                                                     0.000E+00
                                                          0.000E+00
                                                                         5.311E-05
5.779E-05
2.174E-05
                                                                                                      2.573E-06
                             0.000E+00
                                            3.954E-04
                                                                                        1.514E-05
               0.000E+00
     133
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        1.644E-05
                                                                                                      2.815E-06
                                                                                                                     0.000E+00
                                                                                                                                                  3.885E-01
               0.000E+00
                             0.000E+00
                                            4.331E-04
                                                          0.000E+00
     134
                                                                                                                                                  3.382E-01
                                                                                        8,204E-06
                                                                                                      1.333E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
               0.000E+00
                             0.000E+00
                                            2.092E-04
                                                                                                                                    0.000E+00
                                                                                                                                                  3.015E-01
                                                                                                      8.426E-07
8.762E-07
                                                                                                                     0.000E+00
                                            1.343E-04
                                                          0.000E+00
                                                                         1.098E-05
                                                                                        5.347E-06
                             0.000E+00
     136
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.116E-01
                                                                                                                     0.000E+00
                                            1.422E-04
                                                                                        5 704E-06
               0.000E+00
                             0.000E+00
                                                          0.000E+00
                                                                         8.217E-06
     137
                                                                                                      8.085E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  3 207E-01
                                                                         6.898E-06
                                                                                        5.401E-06
                                                                                                                     0.000E+00
                                                          0.000E+00
               0.000E+00
                             0.000E+00
                                            1.316E-04
1.553E-04
     138
                                                                                                                                                  3.345E-01
                                                                                                                     0.000E+00
                                                           0.000E+00
                                                                          9.898E-06
                                                                                        6.403E-06
                                                                                                      9.630E-07
     139
               0.000E+00
                             0.000E+00
                                                                                                      8.571E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.302E-01
                                            1.381E-04
                                                           0.000E+00
                                                                         8.903E-06
                                                                                        5.726E-06
               0.000E+00
                             0.000E+00
     140
                                                                          1.232E-05
                                                                                        6.012E-06
                                                                                                      9.375E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.897E-01
                                                           0 000E+00
               0.000E+00
                             0.000E+00
                                            1.493E-04
     141
                                                                                                                                    0.000E+00
                                            1.026E-04
                                                           0.000E+00
                                                                          7.358E-06
                                                                                        4.256E-06
                                                                                                      6.405E-07
4.556E-07
                                                                                                                     0.000E+00
                             0.000E+00
     142
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.293E-01
                                                                                                                     0.000E+00
                                                                                        3.103E-06
               0.000E+00
                             0.000E+00
                                            7.359E-05
                                                           0.000E+00
                                                                          4.423E-06
     143
                                                                                                                                                  2.074E-01
                                                                                                                                   0.000E+00
0.000E+00
                                                                         5.473E-06
3.332E-06
                                                                                        2.990E-06
                                                                                                      4.420E-07
                                                                                                                     0.000E+00
                                                          0.000E+00
               0.000E+00
                             0.000E+00
                                            7.040E-05
     144
                                                                                                                                                  2.108E-01
                                                                                                                     0.000E+00
                                                                                                      3.677E-07
3.370E-07
                                                           0.000E+00
                                                                                        2.382E-06
                                            5.980E-05
     145
               0 000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.075E-01
                                                                                                                     0.000E+00
                             0.000E+00
                                            5.549E-05
                                                           0.000E+00
                                                                         2.530E-06
                                                                                        2.050E-06
               0.000E+00
     146
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
 nput File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                         11/07/95
                                                                                                                                      09:41:42
                                                                                                                                                    Page -
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   2.050E-01
                                                                                                      3.131E-07
                                                                                                                                    0.000E+00
                                                           0.000E+00
                                                                                        1.882E-06
                                                                                                                     0.000E+00
                                            5.175E-05
               0.000E+00
                              0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      2.963E-07
2.581E-07
                                                                                                                     0.000E+00
                                                                                                                                                   1.950E-01
                                                                         2.071E-06
1.818E-06
1.582E-06
                                            4.896E-05
                                                           0.000E+00
                                                                                        1.779E-06
1.549E-06
               0.000E+00
                              0.000E+00
                                                                                                                                                  1.813E-01
1.691E-01
1.744E-01
     148
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            4.263E-05
3.731E-05
     149
               0.000E+00
                              0.000E+00
                                                           0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      2.258E-07
2.371E-07
                                                                                                                     0.000E+00
                                                           0.000E+00
                                                                                        1.353E-06
     150
151
               0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        1 424E-06
                                            3.914E-05
                                                           0.000E+00
                                                                          1.691E-06
                                                                                        1.538E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1 767E-01
                                                                          2.038E-06
```

0.000E+00

4.145E-05

153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 196	0.000E+00	0.000E+00	3.582E-05 3.199E-05 3.202E-05 3.405E-05 3.302E-05 3.305E-05 3.305E-05 2.805E-05 3.348E-05 4.692E-05 3.445E-05 2.71E-05 2.277E-05 2.374E-05 2.456E-05 2.456E-05 2.456E-05 2.456E-05 2.456E-05 2.458E-05 2.458E-05 3.508E-05 4.780E-05 5.187E-05 5.292EE-05 3.508E-05 4.780E-05 5.187E-05 2.345E-05 2.345E-05 2.345E-05 2.345E-05 2.345E-05 2.354E-05	0.000E+00	1.704E-06 1.562E-06 1.464E-06 2.032E-06 2.032E-06 2.255E-06 2.151E-06 1.736E-06 1.736E-06 3.397E-06 4.352E-06 3.397E-06 4.352E-06 2.105E-06 2.105E-06 2.176E-06 2.176E-06 2.176E-06 2.176E-06 2.176E-06 2.176E-06 2.399E-06 3.515E-06 4.353E-06 4.353E-06 2.445E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 2.717E-06 3.515E-06 4.36E-06 4.358E-06 4.358E-06 4.358E-06 2.591E-06 2.591E-06 2.455E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 2.591E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06 3.515E-06	1.305E-06 1.164E-06 1.058E-06 1.258E-06 1.258E-06 1.333E-06 1.333E-06 1.333E-06 1.237E-06 1.034E-06 1.823E-06 1.823E-06 1.825E-06 1.825E-07 1.084E-06 8.594E-07 8.888E-07 9.490E-07 9.490E-07 9.490E-07 9.490E-07 1.115E-06 1.321E-06 1.703E-06 1.703E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.989E-06 1.959E-07 9.323E-07 9.323E-07 9.323E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07 9.322E-07	2.177E-07 1.946E-07 1.769E-07 1.979E-07 2.177E-07 2.051E-07 1.954E-07 1.632E-07 1.632E-07 2.078E-07 2.078E-07 2.813E-07 2.10E-07 1.708E-07 1.436E-07 1.436E-07 1.574E-07 1.552E-07 1.574E-07 1.552E-07 1.574E-07 1.552E-07 1.505E-07	0.000E+00 0.000E+00	0.000E+00 0.000E+00	1.652E-01 1.549E-01 1.455E-01 1.415E-01 1.375E-01 1.375E-01 1.360E-01 1.234E-01 1.329E-01 1.543E-01 1.543E-01 1.542E-01 1.572E-01 1.572E-01 1.572E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.375E-01 1.375E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.073E-01 1.145E-01 1.359E-01 1.359E-01 1.359E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.372E-01 1.371E-02 8.477E-02
197 198 DEN QUE	0.000E+00 0.000E+00 EN MINING - 1	0.000E+00 0.000E+00 SOLEDAD MTN	9.488E-05 9.235E-05 PROJECT - ALI	0.000E+00 0.000E+00 L RECEPTORS,	4.683E-06 5.135E-06 1991 MET, Plg:\ace\GQ91		5.791E-07 5.666E-07 OUTPUT OF A	0.000E+00 0.000E+00 MI/SBCAPCD AC 11/07/95		2.696E-01 2.652E-01 VERS. 93288 * Page - 127
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245	: g:\ace\GQ9' 0.000E+00	0.000E+00	9.064E-05 9.055E-05 8.366E-05 7.801E-05 7.801E-05 7.865E-04 1.135E-04 1.135E-04 1.096E-04 1.082E-04 1.138E-04 9.415E-05 8.495E-05 1.428E-04 1.315E-04 1.315E-04 1.315E-04 1.315E-04 1.315E-04 1.316E-04	0.000E+00	5.843E-06 6.769E-06 6.212E-06 5.879E-06 6.466E-06 7.809E-06 5.977E-06 5.140E-06 5.706E-06 6.291E-06 6.291E-06 6.291E-06 6.291E-06 6.396E-06 7.760E-06 6.396E-06 7.965E-06 8.041E-06 6.07E-06 6.393E-05 1.411E-05 1.59E-05 1.159E-05 1.761E-05 1.761E-05 1.753E-05 1.351E-05	3.564E-06 3.722E-06 3.407E-06 3.168E-06 3.303E-06 5.319E-06 4.854E-06 4.405E-06 4.412E-06 4.281E-06 4.791E-06 3.962E-06 5.424E-06 5.578E-06 6.4410E-06 4.410E-06 4.410E-06 6.191E-06	5.607E-07 5.661E-07 5.661E-07 4.876E-07 4.853E-07 7.902E-07 7.166E-07 6.911E-07 6.711E-07 6.711E-07 6.728E-07 7.484E-07 5.927E-07 5.443E-07 8.805E-07 8.405E-07 8.455E-07 7.763E-07	0.000E+00 0.000E+00	0.000E+00	2.577E-01 2.509E-01 2.476E-01 2.452E-01 3.104E-01 3.104E-01 3.104E-01 2.918E-01 2.881E-01 2.889E-01 2.739E-01 2.629E-01 2.629E-01 3.298E-01 3.298E-01 3.298E-01 3.298E-01 3.103E-01 3.103E-01 3.011E-01 2.919E-01 2.855E-01 2.855E-01 2.824E-01 3.038E-01 3.743E-01 3.490E-01 3.490E-01 3.595E-01 4.95E-01 4.95E-01 4.758E-01 4.758E-01 4.585E-01 4.585E-01 5.127E-01 4.912E-01

```
3.075E-07
3.377E-07
3.784E-07
                                                                                                         4.747E-08
5.310E-08
                                                                                                                                        0,000E+00
                                                                                                                                                       2-146E-02
                                                            0.000E+00
0.000E+00
                                                                                                                         0 000E+00
              0.000E+00
                              0.000E+00
                                             7.253E-06
8.147E-06
                                                                           9.690E-07
    246
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       2.359E-02
2.620E-02
                                                                           1.058E-06
                                                                                                                         0.000E+00
     247
              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                         5.888E-08
5.348E-08
                                             9.037E-06
                                                            0.000E+00
                                                                           1.162E-06
                                                                                                                         0.000E+00
              0.000E+00
    248
                                                                                                                         0.000E+00
                                                                                                                                                       3.136E-02
                                                                                          3 580E-07
              0.000E+00
                              0.000E+00
                                             8.243E-06
                                                            0.000E+00
                                                                           9.861E-07
    249
                                                                           8.349E-07
                                                                                          3.293E-07
                                                                                                          5.098E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.695E-02
                                             7_970E-06
                                                            0.000E+00
              0.000E+00
                              0.000E+00
    250
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                      VERS. 93288
                                                                                                                            11/07/95
                                                                                                                                          09:41:42
                                                                                                                                                        Page -
                                                                                                                                                                  128
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                          5.432E-08
                                                                                                                         0.000E+00
                                             8.558E-06
8.755E-06
                                                                           8.209E-07
7.250E-07
7.304E-07
                              0.000E+00
0.000E+00
               0.000E+00
                                                            0.000E+00
                                                                                          3.474E-07
                                                                                          3.349E-07
3.602E-07
                                                                                                         5.483E-08
5.754E-08
5.641E-08
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       4.651E-02
4.906E-02
                                                            0.000E+00
                                                                                                                         0.000E+00
    252
253
              0.000E+00
0.000E+00
                                                                                                                         0 000E+00
                              0.000E+00
                                             9.199E-06
                                                            0.000E+00
                                                                                                                                                       4.928E-02
                                                                           6.444E-07
6.215E-07
                                                                                          3.434E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            0.000E+00
0.000E+00
     254
              0.000E+00
                              0.000E+00
                                             9.096E-06
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       4.959E-02
5.288E-02
                                             9.172E-06
                                                                                          3.405E-07
                                                                                                          5.669E-08
                                                                                                                         0.000E+00
                              0.000E+00
     255
              0.000E+00
              0.000E+00
                              0.000E+00
                                             9.279E-06
                                                            0.000E+00
                                                                           6.172E-07
                                                                                          3.444E-07
3.400E-07
                                                                                                          5.730E-08
5.675E-08
                                                                                                                         0.000E+00
    2.56
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.472E-02
                                                            0.000E+00
                                                                           5.641E-07
     257
               0.000E+00
                              0.000E+00
                                             9.233E-06
                                                                                                                                                       5.505E-02
5.443E-02
                                             8.917E-06
                                                                           5.221E-07
                                                                                          3.269E-07
                                                                                                          5.469E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            0.000E+00
                              0.000E+00
     258
              0.000E+00
                                                                                                                                        0.000E+00
                                                                                          3.065E-07
2.749E-07
                              0.000E+00
                                             8.344E-06
                                                            0.000E+00
                                                                           4.562E-07
                                                                                                          5.102E-08
                                                                                                                         0.000E+00
     259
              0.000E+00
                                                                                                          4.583E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.197E-02
                                                                           3.909E-07
3.561E-07
                                             7.512E-06
6.810E-06
                                                            0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                                                          2.488E-07
                                                                                                          4.155E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.706E-02
4.237E-02
                              0.000E+00
     261
              0 000E+00
                                                                                                                                        0.000E+00
                                                                           3.291E-07
3.550E-07
                                                                                          2.319E-07
2.350E-07
                                             6.341E-06
                                                            0.000E+00
                                                                                                          3.868E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     262
                                                                                                                                                       3.741E-02
3.544E-02
3.705E-02
                                                                                                                                        0.000E+00
                                                                                                          3.917E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             6.402E-06
                                                            0.000E+00
                                             6.908E-06
7.592E-06
                                                            0.000E+00
                                                                           4.325E-07
                                                                                          2.545E-07
                                                                                                          4.251E-08
                                                                                                                         0.000F+00
                                                                                                                                        0.000E+00
                              0.000E+00
     264
              0 000E+00
                                                                                                                                        0.000E+00
                                                                           5.249E-07
6.780E-07
7.961E-07
                                                                                                          4.697E-08
                                                                                                                         0.000E+00
                                                                                          2.813E-07
               0.000E+00
                              0.000E+00
                                                            0.000E+00
     265
                                                                                                          5.346E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.139E-02
                                                                                          3.227E-07
                                                            0.000E+00
               0.000E+00
                              0 000E+00
                                             8.566E-06
                                                                                          3.553E-07
3.750E-07
3.710E-07
                                             9.295E-06
                                                            0.000E+00
                                                                                                          5.834E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.307E-02
                              0.000E+00
     267
               0 000E+00
                                                                                                          6.103E-08
5.997E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.359E-02
                                                                           8.917E-07
9.099E-07
                              0.000E+00
                                             9.667E-06
                                                            0.000E+00
               0.000E+00
     268
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.364E-02
                                             9.466E-06
               0.000E+00
                              0.000E+00
                                             9.207E-06
                                                                           9.156E-07
                                                                                          3.639E-07
                                                                                                          5.850E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.328E-02
                              0.000E+00
                                                            0.000E+00
               0.000E+00
     270
                                                                                                                                                       4.094E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                             9.126E-06
                                                            0.000E+00
                                                                           9 658E-07
                                                                                          3.649E-07
3.260E-07
                                                                                                          5.831E-08
     271
               0.000E+00
                                                                                                          5.206E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.751E-02
                                                                           8.682E-07
                                                            0.000E+00
               0.000E+00
                              0.000E+00
                                             8.142E-06
                                             6.777E-06
                                                            0.000E+00
                                                                           6.877E-07
                                                                                          2.686E-07
                                                                                                          4.314E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.469E-02
               0.000E+00
                              0.000E+00
     273
                                                                                                                                        0.000E+00
                                                                                                                                                       3.193E-02
                                             5.880E-06
5.709E-06
                                                                                          2.315E-07
2.275E-07
                                                                                                         3.733E-08
3.683E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            5.781E-07
     274
               0.000E+00
                                                                           5.781E-07
6.810E-07
7.467E-07
7.705E-07
7.716E-07
7.824E-07
7.792E-07
                                                                                                                                        0.000E+00
                                                                                                                                                       2.141E-02
2.437E-02
                                                                                                                         0.000E+00
              0.000E+00
0.000E+00
                                                            0 000E+00
                              0.000E+00
                                                                                                          4.088E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                             6.339E-06
                                                            0.000E+00
                                                                                          2.558E-07
                              0.000E+00
     276
                                                                                                                                                       2.698E-02
               0.000E+00
                                                                                          2.719E-07
                                                                                                          4.414E-08
                              0.000E+00
                                             6.883E-06
                                                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                       3.134E-02
3.794E-02
                                                                                          2.850E-07
                                                                                                          4.687E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              0.000E+00
0.000E+00
                              0.000E+00
                                             7.354E-06
     278
                                                                                                          5.000E-08
5.397E-08
                                                                                          3.044E-07
3.285E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                             7.879E-06
     279
                                                                                                                                                       4.397E-02
               0.000E+00
                              0.000E+00
                                             8.562E-06
                                                            0.000E+00
0.000E+00
     280
                                             9.288E-06
                                                                                          3.499E-07
                                                                                                          5.805E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.942E-02
     281
               0 000E+00
                              0 000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.367E-02
                                             9.791E-06
                                                            0.000E+00
                                                                           7.485E-07
                                                                                          3.684E-07
                                                                                                          6.097E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     282
                                                                                          3.682E-07
3.794E-07
                                                                                                          6.115E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.385E-02
                                                                           6.687E-07
6.845E-07
               0.000E+00
                              0.000E+00
                                             9.894E-06
                                                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                          6.317E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.518E-02
5.766E-02
                                             1.023E-05
                              0.000E+00
     284
               0:000E+00
               0.000E+00
                              0.000E+00
                                             1.031E-05
                                                                            6.697E-07
                                                                                          3.814E-07
3.774E-07
3.611E-07
                                                                                                          6.356E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     285
                                                                                                                                                       6.029E-02
                                                                                                          6.309E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             1.028E-05
9.850E-06
                                                            0.000E+00
0.000E+00
                                                                           6.155E-07
5.684E-07
               0.000E+00
                              0.000E+00
                                                                                                                                                       6.061E-02
5.944E-02
5.575E-02
                                                                                                          6.037E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
     287
               0.000E+00
                                                                                                                                        0.000E+00
                                                                                          3.329E-07
2.961E-07
2.714E-07
               0.000E+00
                                                                           4.800E-07
4.151E-07
                                                                                                          5.553E-08
                                                                                                                         0.000E+00
     288
                              0.000E+00
                                             9.096E-06
                                                            0.000E+00
                                                                                                          4.941E-08
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                             8.105E-06
7.432E-06
     289
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            3.834E-07
                                                                                                          4.532E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.026E-02
                                                            0.000E+00
               0.000E+00
                              0.000E+00
     290
                                                                                                                                                       4.405E-02
                                                                                                                                        0.000E+00
                                                                           3.643E 07
4.391E-07
                                                                                          2.600E-07
2.752E-07
                                                                                                          4 330E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                             7.101E-06
                                                            0.000E100
               0.000E+00
     291
                                                                                                          4.594E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.016E-02
                                             7.489E-06
8.192E-06
     292
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                            5.358E-07
                                                                                           3.026E-07
                                                                                                          5.053E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       3.960E-02
                              0.000E+00
               0 000E+00
     293
                                                                            6.574E-07
                                                                                                                                                       4.385E-02
4.703E-02
                                                                                                                                        0.000E+00
                                             8.970E-06
                                                            0.000E+00
                                                                                          3.346E-07
                                                                                                          5.569E-08
5.970E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     294
                                                                                          3.615E-07
3.794E-07
3.774E-07
3.536E-07
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             9.572E-06
                                                            0.000E+00
                                                                            7.488E-07
     295
                                                                                                          6.204E-08
                                                                                                                                                       4.800E-02
                                             9.890E-06
                                                            0.000E+00
                                                                            8.368E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     296
               0.000E+00
                              0 000E+00
                                                                                                                                                       4.822E-02
                                                                                                          6.118E-08
5.710E-08
     297
               0.000E+00
                              0.000E+00
                                             9.711E-06
                                                             0.000E+00
                                                                            8.680E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             9.056E-06
8.407E-06
                                                                            8.165E-07
7.822E-07
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                                           3.297E-07
                                                                                                          5.314E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.519E-02
                              0.000E+00
     299
300
               0 000E+00
                                                                           7.155E-07
6.498E-07
                                                                                          2.966E-07
2.681E-07
                                                                                                          4.780E-08
4.316E-08
                                                                                                                                        0.000E+00
                                                                                                                                                       4.136E-02
               0.000E+00
                              0.000E+00
                                             7.553E-06
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.797E-02
     301
               0.000E+00
                              0.000E+00
                                             6.815E-06
                                                            0.000E+00
                                                            0.000E+00
                                                                            5.664E-07
                                                                                           2.363E-07
                                                                                                          3.810E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.447E-02
                              0.000E+00
                                             6.023E-06
               0.000E+00
     302
                                                                                                        OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                             11/07/95
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                          09:41:42
                                                                                                                                                        Page - 129
                                                                                                          3.391E-08
3.709E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.010E-02
                                             5.364E-06
5.780E-06
6.217E-06
                                                                                          2.097E-07
2.237E-07
                                                            0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                                            5.018E-07
                                                                            6.603E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       2.094E-02
     304
305
               0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                       2.455E-02
2.814E-02
                                                            0.000E+00
                                                                            7.182E-07
                                                                                           2.428E-07
                                                                                                          3.995E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                                           7.627E-07
8.099E-07
                                                                                          2.669E-07
2.934E-07
3.192E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     306
                              0.000E+00
                                             6.888E-06
                                                            0.000E+00
                                                                                                          4.409E-08
               0.000E+00
                                                                                                          4.857E-08
                                                                                                                         0.000E+00
                                                                                                                                                       3.181E-02
                                                            0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
0.000E+00
                                             7.615E-06
8.343E-06
     307
                              0.000E+00
                                                                                                                                                       3.863E-02
4.617E-02
                              0.000E+00
                                                             0.000E+00
                                                                            8.371E-07
                                                                                                          5.295E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     308
                                                                                                                                        0.000E+00
     309
               0.000E+00
                              0.000E+00
                                             9.036E-06
                                                             0.000E+00
                                                                            8.291E-07
                                                                                          3.426E-07
3.771E-07
                                                                                                          5.695E-08
                                                                                                                         0.000E+00
                                                                                                          6.274E-08
                                                                                                                                                       5.261E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             1.003E-05
1.079E-05
                                                            0.000E+00
0.000E+00
                                                                            8.294E-07
     310
                                                                                                                                                       5.886E-02
5.918E-02
                                                                            8.319E-07
                                                                                           4,036E-07
                                                                                                          6.717E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
     311
                                                                                          4.138E-07
4.266E-07
                                                                                                          6.870E-08
7.103E-08
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             1.112E-05
                                                             0.000E+00
                                                                            7.479E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       6.184E-02
                                                                                                                         0.000E+00
                                             1.151E-05
1.159E-05
                                                                            7.609E-07
     313
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                             0.000E+00
                                                                            7,336E-07
                                                                                           4.274E-07
                                                                                                          7.134E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.337E-02
6.700E-02
                              0.000E+00
     314
               0.000E+00
                                             1.157E-05
                                                             0.000E+00
                                                                            6.833E-07
                                                                                           4.244E-07
                                                                                                          7.098E-08
                                                                                                                         0.000E+00
                                                                                                                                        0-000E+00
               0.000E+00
                              0.000E+00
     315
                                                                                                                                                       6.706E-02
                                                            0.000E+00
0.000E+00
                                                                            6.215E-07
5.181E-07
                                                                                           4.018E-07
                                                                                                          6.715E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             1.097E-05
                                                                                                          6.081E-08
                                                                                           3.645E-07
                                                                                                                                         0.000E+00
                                                                                                                                                       6.507E-02
                                             9.968E-06
8.906E-06
                                                                                                                         0.000E+00
     317
               0.000E+00
                              0 000E+00
                                                                                                                                                       6.008E-02
5.325E-02
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            4.530E-07
                                                                                           3.249E-07
                                                                                                          5.427E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
     318
                                                                                                                                         0.000E+00
                                                                                          3.017E-07
3.024E-07
                                                                                                          5.031E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             8.262E-06
                                                            0.000E+00
0.000E+00
                                                                            4.114E-07
4.395E-07
                                                                                                          5.041E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       4.643E-02
     320
               0.000E+00
                              0.000E+00
                                             8.254E-06
                                                                                                                                                       4.422E-02
               0.000E+00
                                             8.952E-06
                                                             0.000E+00
                                                                            5.493E-07
                                                                                           3.295E-07
                                                                                                          5.503E-08
                                                                                                                         0.000E+00
                                                                                                                                        0-000E+00
                              0.000E+00
     321
                                                                                                                                         0.000E+00
                                                                                                                                                       4.628E-02
                                                                            6.724E-07
7.719E-07
                                                                                                                         0.000E+00
                                                                                                          6.021E-08
               0.000E+00
                              0.000E+00
                                             9.732E-06
                                                             0.000E+00
                                                                                           3.610E-07
                                                                                           3.888E-07
                                                                                                          6.440E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       5.133E-02
     323
324
                                             1 036E-05
                                                             0 000E+00
               0.000E+00
                              0 000E+00
                                                             0.000E+00
                                                                            8.406E-07
                                                                                           4.026E-07
                                                                                                          6.605E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       5.303E-02
5.370E-02
               0.000E+00
                              0.000E+00
                                             1.058E-05
                                                                                                                                         0.000E+00
                                                                            8.416E-07
7.997E-07
                                                                                                          6.365E-08
                                                                                                                         0.000E+00
     325
               0.000E+00
                              0.000E+00
                                             1.016E-05
                                                             0.000E+00
                                                                                           3.911E-07
                                                                                           3.675E-07
                                                                                                          5.947E-08
                                                                                                                                         0.000E+00
                                                                                                                                                       5.298E-02
                                             9.476E-06
8.573E-06
                                                                                                                         0.000E+00
     326
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           3.335E-07
                                                             0.000E+00
                                                                            7.380E-07
                                                                                                          5.388E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       5.029E-02
4.596E-02
               0.000E+00
                              0.000E+00
     327
                                                                                                                                         0.000E+00
                                             7.683E-06
6.749E-06
                                                             0.000E+00
0.000E+00
                                                                            6.751E-07
5.861E-07
                                                                                                          4.836E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                                                                           2.993E-07
                                                                                           2.625E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.175E-02
     329
               0.000E+00
                              0.000E+00
                                                                            5.195E-07
4.764E-07
4.263E-07
                                                                                           2.327E-07
               0.000E+00
                              0.000E+00
                                              5.989E-06
                                                             0.000E+00
                                                                                                          3,765E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       3.733E-02
     330
                                                                                                                                                       3.226E-02
2.797E-02
2.001E-02
                                                                                                          3.409E-08
                                                                                                                                         0.000E+00
                                                                                           2.104E-07
1.889E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             5.417E-06
                                                             0.000E+00
                                                                                                          3.070E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                             0.000E+00
                                             4.881E-06
     332
               0.000E+00
                              0.000E+00
                                                                            6.847E-07
     333
                              0.000E+00
                                             5.869E-06
                                                                                           2.292E-07
                                                                                                          3.775E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                             0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
                                             6.595E-06
                                                             0.000E+00
                                                                            7.557E-07
                                                                                           2.569E-07
                                                                                                          4 234E-08
                                                                                                                         0 000E+00
                                                                                                                                                       2.452E-02
               0.000E+00
```

```
8.069E-07
8.599E-07
9.129E-07
9.363E-07
                                                                                                                                                          2.858E-02
                                                                                                           4.567E-08
5.085E-08
                                                                                                                                          0-000E+00
                                             7.118E-06
7.963E-06
8.910E-06
                                                                                           2.779E-07
3.073E-07
                                                                                                                          0 000E+00
                              0.000E+00
                                                             0.000E+00
               0.000E+00
     335
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          3.314E-02
                              0.000E+00
               0.000E+00
                                                             0 000E+00
     336
                                                                                            3.413E-07
                                                                                                           5.664E-08
                                                                                                                           0.000E+00
                                                                                                                                          0 000E+00
                                                                                                                                                          3 908E-02
                                                             0.000E+00
     337
               0.0000+00
                              0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          4.808E-02
                                              9.802E-06
                                                                                           3 735E-07
                                                                                                                           0.000E+00
               0.000E+00
                                                             0 000E+00
                                                                                                           6.197E-08
     338
                                                                                                           6.830E-08
7.447E-08
7.768E-08
                                                                            9.270E-07
                                                                                            4.102E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.611E-02
                                                             0.000E+00
                              0.000E+00
                                             1.090E-05
     339
               0.000E+00
                                                                             9,292E-07
                                                                                            4.464E-07
                                                                                                                           0 000E+00
                                                                                                                                          0-000E±00
                                                                                                                                                          6.472E-02
6.566E-02
                                             1.195E-05
                                                             0.000E+00
     340
               0.000E100
                              0.000E+00
                                                                                                                                          0.000E+00
                                             1.257E-05
                                                             0.000E+00
                                                                            8.474E-07
8.537E-07
                                                                                            4.679E-07
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
     341
                                                                                                                                                          6.969E-02
                                                             0.000E+00
                                                                                            4.837E-07
                                                                                                            8.057E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
               0.000E+00
                              0.000E+00
                                             1.306E-05
     342
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          7.047E-02
7.524E-02
                                                                             8.267E-07
                                                                                            4.900E-07
                                                                                                           8.167E-08
                                                                                                                           0.000E+00
                              0.000E+00
                                              1.327E-05
                                                             0.000E+00
     343
               0.000E+00
                                                                                                           8.062E-08
7.512E-08
                                              1.315E-05
                                                                            7.651E-07
6.760E-07
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                            4.818E-07
     344
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          7.470E-02
                                                                                            4.494E-07
                                             1.228E-05
1.100E-05
     345
               0.000E+00
                              0.000E+00
                                                             0 000E+00
                                                             0.000E+00
                                                                             5.583E-07
                                                                                            4.013E-07
                                                                                                           6.700E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          7 158E-02
     346
               0.000E+00
                              0.000E+00
                                                                                                           6.074E-08
5.751E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          6.516E-02
                                                                                           3.635E-07
3.453E-07
                                              9.974E-06
                                                             0.000E+00
                                                                             4.993E-07
               0.000E+00
                              0.000E+00
     347
                                                                             4.594E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.606E-02
                                             9.454E-06
9.932E-06
               0.000E+00
                              0.000E+00
                                                             0.000E+00
     348
                                                             0.000E+00
                                                                             5.621E-07
7.009E-07
                                                                                            3.642E-07
3.988E-07
                                                                                                            6.082E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          5.076E-02
                              0.000E+00
     349
               0.000E+00
                                                                                                           6.654E-08
7.126E-08
7.291E-08
                                                                                                                                           0.000E+00
                                                                                                                                                          5.023E-02
                                                                                                                           0.000E+00
                              0.000E+00
                                              1.079E-05
                                                             0.000E+00
               0.000E+00
     350
                                                                                                                                                          5.553E-02
5.887E-02
                                                                                            4.291E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                             8.235E-07
                                              1,149E-05
     351
               0.000E+00
                              0.000E+00
                                                                             8.939E-07
8.864E-07
                                                                                           4.433E-07
4.279E-07
                                                                                                                                          0.000E+00
                              0.000E+00
                                              1.170E-05
                                                             0.000E+00
                                                                                                                           0,000E+00
               0.000E+00
0.000E+00
     352
                                                                                                            6.976E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          6.025E-02
                                             1.117E-05
1.017E-05
                                                             0.000E+00
0.000E+00
     353
                              0.000E+00
                                                                             8.096E-07
                                                                                            3.918E-07
                                                                                                            6.358E-08
                                                                                                                           0.000E+00
                                                                                                                                          0 000E+00
                                                                                                                                                          5.941E-02
     354
               0.000E+00
                              0.000E+00
                                                                                                                                                        VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                       PM10
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                           Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               11/07/95
                                                                                                                                             09:41:42
                                                                                                                                                           Page -
                                                                                                                                                                     130
Input File: g:\ace\GQ91\GQPACE.DAT
                              0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              9.075E-06
8.031E-06
7.029E-06
                                                                             7.336E-07
                                                                                            3.506E-07
                                                                                                            5.679E-08
               0.000E+00
                                                             0.000E+00
                                                                            6.576E-07
5.738E-07
                                                             0.000E+00
0.000E+00
                                                                                           3.104E-07
2.718E-07
2.388E-07
                                                                                                            5.029E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          5.151E-02
4.618E-02
     356
               0.000E+00
                              0.000E+00
                                                                                                           4.401E-08
3.874E-08
                              0.000E+00
                                                                                                                           0 000E+00
               0.000E+00
     357
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          4.064E-02
                                                                             5.055E-07
                                              6.188E-06
5.542E-06
                                                             0.000E+00
0.000E+00
     358
               0.000E+00
                              0.000E+00
                                                                                                                                                          3.476E-02
3.015E-02
2.722E-02
                                                                             4.580E-07
                                                                                                            3.472E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                            2.135E-07
               0.000E+00
                              0.000E+00
                                                                             4.113E-07
3.790E-07
7.142E-07
                              0.000E+00
                                              4.969E-06
                                                             0.000E+00
                                                                                            1.909E-07
1.732E-07
                                                                                                            3.113E-08
2.832E-08
                                                                                                                           0 000E+00
                                                                                                                                           0.000E+00
               0.000E+00
     360
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              4.517E-06
6.019E-06
               0.000E+00
                              0.000E+00
                                                             0.000E+00
     361
                                                             0.000E+00
                                                                                            2.381E-07
                                                                                                            3.880E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.104E-02
               0.000E+00
                              0 000E+00
                                                                                                                                                          2.366E-02
                                              6.752E-06
7.577E-06
8.290E-06
                                                                             7.843E-07
8.678E-07
                                                                                            2.649E-07
2.969E-07
                                                                                                                                           0.000E+00
                                                             0.000E+00
                                                                                                            4.342E-08
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
     363
                                                                                                            4.867E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.882E-02
     364
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          3.408E-02
4.031E-02
                                                             0.000E+00
                                                                             9.106E-07
                                                                                            3.211E-07
                                                                                                            5.303E-08
                                                                                                                                           0-000E+00
     365
               0.000E+00
                              0.000E+00
                                                                                                                                           0.000E+00
                                              9.410E-06
                                                                                                            5.997E-08
                              0.000E+00
                                                             0.000E+00
                                                                             9.920E-07
                                                                                            3.623E-07
               0.000E+00
     366
                                                             0.000E+00
0.000E+00
                                                                             1.045E-06
                                                                                            4.049E-07
                                                                                                            6.734E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          4.967E-02
                                              1.063E-05
1.195E-05
               0.000E+00
                              0.000E+00
     367
                                                                                                                                                          5.998E-02
7.113E-02
7.356E-02
7.878E-02
7.937E-02
                                                                                            4.518E-07
4.952E-07
5.326E-07
                                                                                                            7.508E-08
8.266E-08
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                             1.055E-06
     368
               0.000E+00
                              0.000E+00
                                              1.326E-05
                                                             0.000E+00
0.000E+00
                                                                             1.037E-06
9.755E-07
               0.000E+00
                              0.000E+00
     369
                                                                                                            8.845E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
     370
               0.000E+00
                              0.000E+00
                                              1.430E-05
                                                                                            5.532E-07
5.631E-07
5.498E-07
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                              1.496E-05
                                                             0.000E+00
                                                                             9.674E-07
                                                                                                            9.220E-08
                              0.000E+00
     371
               0.000E+00
                                                                                                            9.401E-08
                                                             0.000E+00
0.000E+00
                               0.000E+00
                                              1.531E-05
                                                                             9.236E-07
     372
               0.000E+00
                                                                             8.568E-07
                                                                                                            9.212E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.527E-02
8.381E-02
                                              1.504E-05
1.384E-05
     373
               0.000E+00
                              0 000E+00
                                                             0.000E+00
                                                                             7.375E-07
                                                                                            5.056E-07
                                                                                                            8.454E-08
7.549E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
               0.000E+00
     374
                                                                                                                                                          7.939E-02
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             6.113E-07
5.460E-07
                                                                                            4.518E-07
4.143E-07
                                              1.240E-05
               0.000E+00
                               0.000E+00
     375
                                                                                                            6.914E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          7.060E-02
                                              1.137E-05
1.133E-05
     376
               0.000E+00
                              0.000E+00
                                                                                                                                                          6.029E-02
5.735E-02
                                                                             5.729E-07
7.263E-07
                                                                                                            6.906E-08
7.457E-08
                              0.000E+00
                                                             0.000E+00
                                                                                            4.141E-07
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               0.000E+00
     377
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                            4.464E-07
4.798E-07
               0.000E+00
                               0.000E+00
                                              1.215E-05
                                                             0.000E+00
     378
                                                                             8.808E-07
                                                                                                            7.989E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          6.001E-02
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              1.292E-05
                                                                                                            0.190E 08
7.874E-08
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          6.565E-02
6.802E-02
                                              1.319E-05
                                                              0.000E+00
                                                                             9.727E-07
                                                                                            4.973E 07
                                                                                                                                           0.000E+00
     380
               0.0008±00
                              0-000E+00
                                                                                            4.826E-07
                                                                                                                                           0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             9.745E-07
                                              1.263E-05
               0.000E+00
                               0.000E+00
     381
                                                                                                                                                          6.735E-02
6.394E-02
5.823E-02
                                                                             8.847E-07
                                                                                            4.390E-07
                                                                                                            7.121E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              1.141E-05
               0.000E+00
                              0 000E+00
     382
                                                                                                                                           0.000E+00
0.000E+00
                              0.000E+00
                                              1.002E-05
                                                              0.000E+00
                                                                             7.821E-07
                                                                                            3.861E-07
                                                                                                            6.258E-08
5.423E-08
                                                                                                                           0.000E+00
     383
               0.000E+00
                                                                                            3.344E-07
                                                                                                                           0.000E+00
                               0.000E+00
                                              8.687E~06
7.488E-06
6.555E-06
                                                             0.000E+00
                                                                             6.785E-07
5.812E-07
               0.000E+00
     384
                                                                                            2.881E-07
2.516E-07
2.215E-07
                                                             0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          5.142E-02
4.453E-02
                                                                                                            4.673E-08
                                                                                                                           0.000E+00
     385
               0.000E+00
                               0 000E+00
                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                             5.122E-07
                                                                                                            4.092E-08
               0.000E+00
                               0.000E+00
     386
                                                                                                            3.612E-08
                                                                                                                                           0.000E+00
                                                                                                                                                          3.772E-02
                                                                                                                           0.000E+00
                                                                             4.570E-07
4.102E-07
     387
               0.000E+00
                               0.000E+00
                                              5.784E-06
                                                             0.000E+00
                                                                                                                                                          3.272E-02
2.958E-02
2.752E-02
                                                                                            1.963E-07
                                                                                                            3.211E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                             0.000E+00
                                              5.139E-06
     388
               0.000E+00
                               0 000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            1.764E-07
1.584E-07
                                                                                                            2.897E-08
2.609E-08
                                              4.632E-06
                                                              0.000E+00
                                                                             3.762E-07
                                                                                                                           0.000E+00
                               0.000E+00
     389
               0.000E+00
                                                                                                                           0.000E+00
                                                                             3.430E-07
7.595E-07
                               0.000E+00
                                              4.169E-06
                                                             0.000E+00
               0.000E+00
     390
                                                             0.000E+00
                                                                                            2.528E-07
2.745E-07
                                                                                                            4.045E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.252E-02
               0.000E+00
                               0.000E+00
                                              6.255E-06
                                              6.932E-06
7.843E-06
                                                              0.000E+00
                                                                             8.166E-07
                                                                                                            4.466E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.435E-02
2.845E-02
                               0.000E+00
     392
               0.000E+00
                                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                             9.002E-07
1.006E-06
                                                                                            3.077E-07
3.491E-07
                                                                                                            5.039E-08
5.692E-08
                                                                                                                           0 000E+00
               0.000E+00
                               0.000E+00
     393
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          3.437E-02
                                              8.866E-06
9.990E-06
1.143E-05
                0.000E+00
                               0.000E+00
                                                             0.000E+00
                                                                                                            6.373E-08
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          4.177E-02
5.120E-02
                                                              0.000E+00
                                                                             1.065E-06
                                                                                            3.860E-07
                                                                                                                           0.000E+00
     395
               0.000E+00
                               0.000E+00
                                                                             1.160E-06
1.199E-06
                                                                                            4.379E-07
4.938E-07
                                                              0.000E+00
                                                                                                            7.261E-08
                                                                                                                           0.000E+00
               0.000E+00
                               0.000E+00
     396
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          6.389E-02
7.789E-02
                                                                                                            8.222E-08
               0.000E+00
                               0.000E+00
                                              1.304E-05
                                                              0.000E+00
                                              1.490E-05
                                                              0.000E+00
                                                                             1.193E-06
                                                                                            5.584E-07
                                                                                                            9.300E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                               0 000E+00
     398
               0.000E+00
                                                                             1.146E-06
1.112E-06
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.350E-02
                                              1.644E-05
                                                              0.000E+00
                                                                                            6.118E-07
                                                                                                            1.018E-07
               0.000E+00
                               0.000E+00
     399
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.976E-02
                                                                                            6.428E-07
                                                                                                            1.072E-07
                                              1.740E-05
1.798E-05
                0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             1.056E-06
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          9.092E-02
9.766E-02
                                                              0.000E+00
                                                                                            6.606E-07
                                                                                                            1.103E-07
                                                                                                                           0.000E+00
     401
               0.000E+00
                               0.000E+00
                                              1.750E-05
                                                                             9.758E-07
8.204E-07
6.963E-07
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                            6.390E-07
                                                                                                            1.071E-07
                                                                                                                           0.000E+00
                                                                                            5.791E-07
                                                                                                            9.680E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          9.477E-02
               0.000E+00
                               0.000E+00
                                              1.587E-05
                                                             0.000E+00
0.000E+00
     403
                                                                                            5.251E-07
                                                                                                            8.774E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          8.871E-02
                                              1.443E-05
     404
               0.000E+00
                               0.000E+00
                                                                             6.218E-07
7.610E-07
                                              1.352E-05
                                                              0.000E+00
                                                                                            4.927E-07
                                                                                                            8.209E-08
                                                                                                                           0.000E+00
                                                                                                                                           0 000E+00
                                                                                                                                                          7.567E-02
               0 000E+00
                               0.000E+00
     405
                                                                                                            8.549E-08
                                                                                                                           0.000E+00
                                                                                                                                           0 000E+00
                                                                                                                                                          6.729E-02
                                              1.399E-05
                                                              0.000E+00
                                                                                            5.117E-07
                0.000E+00
                               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                               11/07/95
Input File: g:\ace\GQ91\GQPACE.DAT
                                                           Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                             09:41:42
                                                                                                                                                           Page -
                                                                                                                                                          6.698E-02
7.307E-02
                                                              0.000E+00
                                                                             9.526E-07
                                                                                             5.482E-07
                                                                                                            9.144E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              1.484E-05
                0.000E+00
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                              1.521E-05
1.449E-05
1.297E-05
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             1.083E-06
                                                                                            5.708E-07
5.518E-07
                                                                                                            9.432E-08
9.017E-08
     408
                                                                                                                                                          7.742E-02
7.735E-02
7.324E-02
                                                                             1.085E-06
                                                              0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
     409
                                                                             9.716E-07
                                                                                            4.974E-07
                                                                                                            8.074E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
     410
               0.000E+00
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                             8.499E-07
7.207E-07
                                                                                            4.325E-07
3.679E-07
                                                                                                            7.014E-08
5.968E-08
                                                              0.000E+00
                0.000E+00
                               0.000E+00
                                              1.126E-05
     411
                                                                                                                           0.000E+00
                                                                                                                                                          6.647E-02
                                              9.582E-06
8.178E-06
                                                              0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
                                                                             6.130E-07
5.329E-07
4.703E-07
                                                                                            3.137E-07
                                                                                                            5.092E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          5.767E-02
                               0.000E+00
     413
               0.000E+00
                                                                                                                                                          4.914E-02
                                                                                            2.693E-07
2.334E-07
                                                                                                                           0.000E+00
                                              7.042E-06
                                                              0.000E+00
                                                                                                            4.386E-08
                0.000E+00
                               0.000E+00
     414
                                                                                                            3.812E-08
                                                                                                                                           0.000E+00
                                                                                                                                                          4.124E-02
                                              6.115E-06
5.399E-06
                                                                                                                           0.000E+00
                0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                             2.054E-07
                                                                             4.227E-07
                                                                                                            3.369E-08
                                                                                                                           0.000E+00
                                                                                                                                                          3.582E-02
     416
                                                              0.000E+00
                0.000E+00
                               0.000E+00
                                                                                                                                                          3.258E-02
                                                                                                                           0.000E+00
                0.000E+00
                               0.000E+00
                                              4.804E-06
                                                              0.000E+00
                                                                             3.818E-07
                                                                                            1.821E-07
                                                                                                            3.000E-08
     417
                                                                                                            2.643E-08
                                                                                                                                                          3.064E-02
                                                                             3.355E-07
                                                                                             1.602E-07
                                                                                                                            0.000E+00
     418
                0.000E+00
                               0.000E+00
                                              4.234E-06
                                                              0.000E+00
                                                                                                                                                          2.915E-02
2.228E-02
2.588E-02
                                                                                             1.400E-07
                                                                                                                                           0.000E+00
0.000E+00
                                              3.702E-06
                                                              0.000E+00
                                                                             2.896E-07
                                                                                                            2.309E-08
                                                                                                                            0.000E+00
     419
420
                0.000E+00
                               0.000E+00
                                              6.505E-06
                                                                                            2.603E-07
2.960E-07
                                                                                                            4.215E-08
4.702E-08
                0.000E+00
                                                              0.000E+00
                                                                             8 105E-07
                                                                                                                           0.000E+00
                                                                             8.858E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                0.000E+00
                               0.000E+00
                                              7.263E-06
                                                              0.000E+00
      421
                                                                             9.661E-07
                                                                                             3.270E-07
                                                                                                            5.290E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          2.899E-02
3.479E-02
                                              8.209E-06
                                                              0.000E+00
                               0.000E+00
     422
                0.000E+00
```

3 650E-07

5.969E-08

0-000E+00

0 000E+00

1.056E-06

9.299E-06

0.000E+00

0.000E+00

```
6.763E-08
7.806E-08
9.004E-08
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  4.245E-02
5.346E-02
                                                                                       4.131E-07
                                                                                                                     0.000E+00
                            0.000E+00
                                                          0.000E+00
                                                                        1.163E-06
                                           1.057E-05
1.227E-05
              0.000E+00
                                                                        1.264E-06
1.361E-06
                                                                                       4.714E-07
5.395E-07
                                                          0.000E+00
                                                                                                                     0.000E+00
                            0.000E+00
    425
              0.000E+00
                                                                                                                                                  6.745E-02
8.455E-02
                                                                                                                     0.000E+00
                            0.000E+00
                                           1.425E-05
                                                          0.000E+00
              0.000E+00
    426
                                                                                        6.290E-07
                                           1.677E-05
                                                                         1.392E-06
                                                                                                      1.049E-07
                                                                                                                     0.000E+00
                                                                                                                                    0-000E+00
                                                          0 000E+00
              0.000E+00
                            0 000E+00
                                                                                       7.090E-07
7.651E-07
7.932E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   9.567E-02
                                                                                                      1.183E-07
1.277E-0/
                                            1.908E-05
                                                          0.000E+00
                                                                         1.376E-06
                                                                                                                     0.000E+00
                            0.000E+00
    428
              0_000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.036E-01
                                           2.075E-05
                                                          0 000E+00
                                                                         1 3028-06
              0.000E+00
    429
                                                                                                                                                   1.063E-01
                                                                                                      1.325E-07
                                                                                                                     0 000E+00
                                                                                                                                    0 000E+00
                                                          0.000E+00
                                                                         1.236E-06
              0.000E+00
                            0.000E+00
                                           2.163E-05
    430
                                                                                                                                    0.000E+00
                                                                                                                                                   1.130E-01
                                                                                                      1.264E-07
                                                                                                                     0.000E+00
                            0.000E+00
                                                          0.000E+00
                                                                         1.125E-06
                                                                                        7.541E-07
    431
              0 000E+00
                                                                                                      1.144E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.078E-01
                                                                                        6.848E-07
                                                                         9.316E-07
7.970E-07
                                            1.880E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
    432
                                                                                        6.269E-07
                                                                                                      1.046E-07
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.884E-02
                                                          0.000E+00
                                           1.723E-05
              0.000E+00
                            0.000E+00
                                                                                                                                                   8.295E-02
                                                                                                                                    0.000E+00
                                                                         8.177E-07
1.034E-06
                                                                                                      1.022E-07
                                                          0.000E+00
                                                                                        6.128E-07
                            0.000E+00
    434
              0.000E+00
                                                                                                      1.076E-07
                                                                                                                     0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                   7.856E-02
                                            1.754E-05
1.779E-05
                                                                                        6.443E-07
              0.000E+00
                            0.000E+00
                                                          0.000E+00
    435
                                                                                                                                                   8.170E-02
                                                                                                                                    0.000E+00
                                                                         1.201E-06
                                                                                        6.629E-07
                                                                                                      1.099E-07
                                                                                                                     0.000E+00
                                                          0.000E+00
              0.000E+00
                            0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   8.896E-02
                                                                                                      1.056E-07
                                                                                       6.454E-07
5.768E-07
                                                          0.000E+00
0.000E+00
                                                                         1.243E-06
1.099E-06
                            0.000E+00
                                            1.700E-05
              0.000E+00
    437
                                                                                                                                                  9.016E-02
8.518E-02
                                                                                                       9.366E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
              0.000E+00
                            0 000E+00
                                            1.507E-05
1.290E-05
    438
                                                                                                                                    0.000E+00
                                                          0.000E+00
                                                                         9.493E-07
                                                                                        4.946E-07
                                                                                                      8 022E-08
                                                                                                                     0.000E+00
                            0 000E+00
    439
              0.000E+00
                                                                                       4.102E-07
3.440E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   7.680E-02
                                                                                                      6.660E-08
                                                                                                                     0.000E+00
                                                                         7.728E-07
6.508E-07
                                            1.072E-05
                                                          0.000E+00
                            0.000E+00
              0.000E+00
    440
                                                                                                                                                   6.530E-02
5.469E-02
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                       5.596E-08
                                                                                                                     0.000E+00
                                            9.009E-06
7.593E-06
6.500E-06
                                                          0.000E+00
              0.000E+00
                             0.000E+00
    441
                                                          0,000E+00
                                                                         5.594E-07
                                                                                        2.894E-07
                                                                                                       4.721E-08
                                                                                                                     0.000E+00
                            0.000E+00
              0.000E+00
                                                                                       2.469E-07
2.157E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   4.547E-02
                                                                                                       4 045E-08
                                                                                                                     0.000E+00
                                                          0.000E+00
                                                                         4 883E-07
                             0.000E+00
              0 000E+00
    443
                                                                                                       3.550E-08
                                                                                                                                    0.000E+00
                                                                                                                                                   3.973E-02
                                                                                                                     0.000E+00
                                                                         4.370E-07
                                            5.698E-06
                                                          0.000E+00
              0.000E+00
                             0.000E+00
    444
                                                                                                                                                   3.649E-02
                                                                         3.811E-07
                                                                                        1.873E-07
                                                                                                       3.090E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                           4.961E-06
4.280E-06
                                                          0.000E+00
              0.000E+00
                             0.0000
                                                                                                                                                   3.424E-02
3.140E-02
2.723E-02
                                                                                                                                    0.000E+00
                                                                         3.224E-07
2.768E-07
2.418E-07
                                                                                                                     0.000E+00
                                                                                       1.614E-07
1.397E-07
                                                                                                      2.663E-08
2.303E-08
                                                          0,000E+00
                             0.000E+00
    446
              0.000E+00
                                            3.703E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     447
                                                                                                                                    0.000E+00
                                            3.247E-06
                                                          0.000E+00
                                                                                        1.227E-07
                                                                                                       2.020E-08
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   2.149E-02
                                            6.534E-06
7.491E-06
8.479E-06
                                                          0.000E+00
                                                                         8.422E-07
9.431E-07
                                                                                        2.639E-07
                                                                                                       4.249E-08
                             0.000E+00
              0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        3.010E-07
                                                                                                       4.859E-08
                                                                                                                     0.000E+00
                                                                                                                                                   2.583E-02
              0.000E+00
                             0.000E+00
                                                          0 000E+00
     450
                                                                                                                                                   3.030E-02
                                                          0.000E+00
                                                                         1.037E-06
                                                                                        3.467E-07
                                                                                                       5.491E-08
                                                                                                                     0.000E+00
                             0.000E+00
              0.000E+00
                                                                                                       6.273E-08
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                   3.563E-02
                                            9.746E-06
                                                          0.000E+00
                                                                         1.134E-06
1.281E-06
                                                                                        3.870E-07
                             0.000E+00
              0.000E+00
     452
                                                                                                                                                   4.332E-02
                                                                                                       7.281E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        4.471E-07
                             0.000E+00
                                            1.135E-05
1.309E-05
                                                          0.000E+00
               0.000E+00
     453
                                                                                                                                    0.000E+00
                                                                                                                                                   5.475E-02
                                                          0.000E+00
                                                                         1.384E-06
                                                                                        5.065E-07
                                                                                                       8 345E-08
                                                                                                                     0 000E+00
                             0.000E+00
     454
               0 000E+00
                                                                                                       9.860E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   7 140E-02
                                                                                        5.928E-07
                             0.000E+00
                                            1.557E-05
                                                          0.000E+00
                                                                         1.526E-06
              0.000E+00
     455
                                                                                                                                                   9.080E~02
1.093E-01
                                                                                        7.119E-07
                                                                                                       1.190E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                         1,634E-06
                                            1.898E-05
2.257E-05
                                                          0.000E+00
               0.000E+00
                             0.000E+00
     456
                                                          0.000E+00
                                                                         1.680E-06
                                                                                        8 386E-07
                                                                                                       1.402E-07
                                                                                                                     0.000E+00
                             0.000E+00
     457
              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.207E-01
                                                                                                       1.551E-07
                                                                                        9.277E-07
                             0.000E+00
                                            2.525E-05
                                                          0.000E+00
                                                                         1 536E-06
              0.000E+00
     458
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                    PM10
                                                                                                                         11/07/95
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                      09:41:42
                                                                                                                                                    Page -
                                                                                                                                                             132
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                       1.641E-07
                                                                                                                                    0.000E+00
                                                                                                                                                   1.267E-01
                                                                         1.480E-06
                                                                                                                     0.000E+00
                                            2.683E-05
                                                                                        9.817E-07
                             0.000E+00
                                                           0.000E+00
              0 000E+00
                                                                                                      1.538E-07
1.413E-07
                                                                                        9.188E-07
8.455E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.323E-01
                                            2.522E-05
2.327E-05
                                                          0.000E+00
0.000E+00
                                                                         1.317E-06
1.074E-06
                             0.000E+00
     460
              0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   1.246E-01
                                                                                                                     0.000E+00
               0.000E+00
                             0.000E+00
     461
                                                                                                                                                   1.099E-01
                                                           0.000E+00
                                                                         9.443E-07
                                                                                        7.824E-07
                                                                                                       1.304E-07
                                                                                                                     0.000E+00
                             0.000E+00
                                            2.152E-05
     462
              0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.545E-02
                                                                                        7.823E-07
7.929E-07
                                                                                                       1.307E-07
                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            2.143E-05
                                                          0.000E+00
                                                                         1.125E-06
     463
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   9.473E-02
                                                                         1.351E-06
                                                                                                       1.320E-07
                                            2.145E-05
2.036E-05
                                                          0.000E+00
              0.000E+00
                             0.000E+00
     464
                                                                                                                                                   1.024E-01
                                                                                                       1.262E-07
1.109E-07
                                                           0.000E+00
                                                                         1.428E-06
                                                                                        7.681E-07
                                                                                                                     0.000E+00
                             0.000E+00
     465
               0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.067E-01
1.010E-01
                                                                                        6.831E-07
                                                                         1.274E-06
                                            1.787E-05
1.505E-05
               0.000E+00
                             0.000E+00
                                                          0.000E+00
     466
                                                                                                                                    0.000E+00
                                                           0.000E+00
                                                                         1.075E-06
                                                                                        5.758E-07
                                                                                                       9.345E-08
                                                                                                                     0.000E+00
     467
               0.000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.010E 02
                                                                                                                     0 000E+00
                                            1.229E-05
                                                           0.000E+00
                                                                         8.571E-0/
                                                                                        4.693E-07
                                                                                                       7.620E-08
                             0.000E+00
     468
               n.000E+00
                                                                                                                                                   7.494E-02
6.147E-02
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                             0.000E100
                                                                         7.128E-07
5.967E-07
                                                                                        3.837E-07
                                                                                                       6.247E-08
                                                          0.000E+00
0.000E+00
                                            1.007E-05
               0.000E+00
     469
                                                                                                                                    0.000E+00
                                            8.276E-06
                                                                                        3.145E-07
                                                                                                       5.139E-08
                                                                                                                      0.000E+00
               0.000E+00
                             0 000E+00
     470
                                                                                                                                    0.000E+00
                                                                                                                                                   5.078E-02
                                                                                                                      0.000E+00
                                                                                        2.653E-07
2.258E-07
                                                                                                       4.362E-08
              0.000E+00
                             0.000E+00
                                            7.017E-06
                                                           0.000E+00
                                                                          5.176E-07
     471
472
                                                                                                                                                   4.487E-02
4.124E-02
3.756E-02
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       3.726E-08
                                                                         4.451E-07
3.692E-07
                             0.000E+00
                                            5.994E-06
                                                          0.000E+00
0.000E+00
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                        1.916E-07
                                                                                                       3.163E-08
                                                                                                                      0.000E+00
               0.000E+00
                             0.000E+00
                                            5.095E-06
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       2.698E-08
                                            4.350E-06
                             0.000E+00
                                                           0.000E+00
                                                                         3.106E-07
                                                                                        1.637E-07
     474
              0.000E+00
                                                                         2.664E-07
2.349E-07
                                                                                        1.418E-07
                                                                                                       2.336E-08
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   3.248E-02
               0.000E+00
                             0.000E+00
                                            3.769E-06
                                                           0.000E+00
                                                                                                                                                   2.690E-02
2.243E-02
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        1.261E-07
                                                                                                       2.076E-08
                                                                                                                     0.000E+00
0.000E+00
                                            3.351E-06
                                                           0.000E+00
               0.000E+00
                             0.000E+00
                                                                                        1.149E-07
2.794E-07
                                                                                                       1.892E-08
                                            3.054E-06
                                                           0.000E+00
                                                                         2.131E-07
              0.000E+00
                             0,000E+00
                                                                                                                                                   2.253E-02
2.552E-02
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         8.848E-07
                                                                                                       4.378E-08
               0.000E+00
                             0.000E+00
                                            6.705E-06
     478
                                                                                                                                    0 000E+00
                                                                          9.865E-07
                                                                                        3.129E-07
                                                                                                       4 973E-08
                                                                                                                      0.000E+00
                                            7.641E-06
               0.000E+00
                             0 000E+00
                                                                                                                                                   3.068E-02
                                                                                                                                    0.000E+00
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                       5.668E-08
6.549E-08
                             0.000E+00
                                            8.739E-06
                                                                          1.098E-06
                                                                                        3.515E-07
               0.000E+00
0.000E+00
     480
                                                                                                                                     0.000E+00
                                                                                                                                                   3.631E-02
                                                                                        4.148E-07
                                                                                                                      0.000E+00
                             0.000E+00
                                            1.011E-05
                                                           0.000E+00
                                                                          1.240E-06
     481
                                                                                                                                                   4.484E-02
5.541E-02
7.476E-02
                                                                          1.367E-06
                                                                                                       7.633E-08
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                           0,000E+00
                                                                                        4.710E-07
               0.000E+00
                             0 000E+00
                                            1.187E-05
                                                                                                                      0.000E+00
                             0.000E+00
                                            1.409E-05
                                                           0.000E+00
                                                                          1.545E-06
                                                                                        5.520E-07
                                                                                                       9 018E-08
     483
               0.000E+00
                                            1.715E-05
                                                                                                       1.088E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        6.577E-07
               0.000E+00
                              0.000E+00
                                                           0.000E+00
                                                                          1.712E-06
     484
                                                                          1.916E-06
                                                                                        8.022E-07
                                                                                                       1.339E-07
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   9.862E-02
                                                           0.000E+00
                                            2.128E-05
2.754E-05
               0.000E+00
                             0 000E+00
     485
                                                                                                                                     0.000E+00
                                                                                                                                                   1.248E-01
                                                           0.000E+00
                                                                          2.120E-06
                                                                                        1.038E-06
                                                                                                       1.716E-07
                                                                                                                      0.000E+00
                             0.000E+00
     486
               0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.572E-01
                                                                                                       1.987E-07
                                                                                                                      0.000E+00
                                                                                        1.189E-06
                             0.000E+00
                                            3.269E-05
                                                           0.000E+00
                                                                          1.575E-06
               0.000E+00
     487
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                          1.300E-06
                                                                                                                                                   1.457E-01
1.255E-01
                                                                                                                      0.000E+00
                                                                                        1.089E-06
                                                                                                       1.819E-07
                             0.000E+00
                                            3.003E-05
                                                           0.000E+00
               0.000E+00
     488
                                            2.799E-05
2.743E-05
                                                           0.000E+00
                                                                          1.307E-06
                                                                                        1.018E-06
                                                                                                       1.700E-07
                                                                                                                      0.000E+00
               0.000E+00
                             0 000E+00
                                                                                                       1.681E-07
1.551E-07
                                                                                                                      0.000E+00
                                                                                                                                                   1.161E-01
                                                                          1.579E-06
1.670E-06
                                                                                        1.006E-06
9.394E-07
                             0.000E+00
                                                           0.000E+00
     490
               0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.198E-01
     491
               0.000E+00
                             0.000E+00
                                            2.510E-05
                                                           0 000E+00
                                                                          1.493E-06
1.239E-06
                                                           0.000E+00
                                                                                        8.219E-07
                                                                                                       1.338E-07
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   1.284E-01
                                            2.160E-05
1.798E-05
               0.000E+00
                             0.000E+00
                                                                                                                                                   1.224E-01
                                                                                                       1.114E-07
8.850E-08
                                                                                                                      0.000E+00
                                                           0.000E+00
                                                                                         6.855E-07
                             0.000E+00
     493
               0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.076E-01
                                                                                        5.447E-07
4.282E-07
                                                           0.000E+00
0.000E+00
                                                                          9.664E-07
7.758E-07
               0.000E+00
                              0.000E+00
                                            1.430E-05
     494
                                                                                                       6.983E-08
                                                                                                                                                   8.742E-02
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            1.127E-05
9.186E-06
               0.000E+00
                             0.000E+00
                                                                                                                                                   7.008E-02
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                           0.000E+00
                                                                          6.454E-07
                                                                                        3.474E-07
                                                                                                       5.695E-08
4.723E-08
                              0.000E+00
     496
               0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   5.793E-02
                                                                                        2.866E-07
                                                                          5.444E-07
4.403E-07
                              0.000E+00
                                            7.614E-06
                                                           0.000E+00
               0.000E+00
     497
                                                                                                                                                   5.143E-02
                                                                                         2.379E-07
                                                                                                       3.923E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            6.334E-06
5.280E-06
                                                           0.000E+00
               0.000E+00
                              0.00E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4.608E-02
                                                                                                                      0.000E+00
                                                           0.000E+00
                                                                          3.566E-07
                                                                                         1.979E-07
                                                                                                       3.265E-08
                              0.000E+00
     499
               0 000E+00
                                                                                                       2.786E-08
2.456E-08
                                                                                                                                     0.000E+00
                                                                                                                                                   3.960E-02
3.239E-02
                                                                                                                      0.000E+00
                                                                                         1.690E-07
               0.000E+00
                              0.000E+00
                                            4.510E-06
                                                           0.000E+00
                                                                          3.006E-07
     500
                                                           0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                            3.975E-06
3.596E-06
                                                                                         1.490E-07
                                                                                                                      0.000E+00
                                                                          2.643E-07
               0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                   2.653E-02
                                                                                        1.347E-07
1.237E-07
                                                                                                                      0.000E+00
                                                                          2.373E-07
                                                                                                       2.220E-08
     502
               0 000E+00
                                                                                                       2.043E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.272E-02
                                                                          2.163E-07
                              0.000E+00
                                            3.310E-06
                                                           0.000E+00
               0.000E+00
     503
                                                                                                                                                   2.030E-02
                                                           0.000E+00
                                                                          2.016E-07
                                                                                         1.152E-07
                                                                                                        1.904E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            3.085E-06
6.583E-06
7.662E-06
               0.000E+00
                              0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.131E-02
                                                                                                       4.287E-08
                                                           0.000E+00
                                                                          8.557E-07
                                                                                         2.691E-07
                                                                                                                      0.000E+00
                              0.000E+00
     505
               0 :000E+00
                                                                                                       5,001E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.626E-02
                                                                                        3.197E-07
3.711E-07
                              0.000E+00
                                                           0.000E+00
0.000E+00
                                                                          1.006E-06
               0.000E+00
     506
                                                                                                                                                   3.084E-02
                                                                                                        5.832E-08
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                          1.155E-06
                                            8.954E-06
               0.000E+00
                              0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   3.752E-02
                                                           0.000E+00
                                                                          1.283E-06
                                                                                         4.171E-07
                                                                                                       6.723E-08
                                                                                                                      0.000E+00
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                            1.038E-05
     508
                                                                                                                                                    4.517E-02
                                                                                                       8.016E-08
9.498E-08
                                                                                                                      0.000E+00
                                            1.239E-05
                                                           0.000E+00
                                                                          1.498E-06
                                                                                         5.061E-07
     509
                                                                                         5.834E-07
                                                                                                                                     0.000E+00
                                                                                                                                                    5 822E-02
                                                                                                                      0.000E+00
                                                                          1 661E-06
                              0.000E+00
                                            1.481E-05
                                                           0 000E+00
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
  LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **
hput File: g:\ace\GQ91\GQPACE.OUT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                          11/07/95
                                                                                                                                       09:41:42
                                                                                                                                                    Page - 133
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                     0.000E+00
                                                                                                                                                   7.582E-02
                                                                                                                      0.000E+00
                                                                                         7 204E-07
                                                                                                       1.182E-07
               0.000E+00
                              0.000E+00
                                            1.857E-05
                                                           0.000E+00
                                                                          1.925E-06
     511
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.080E-01
                                                                                         8.868E-07
                                                                                                       1.484E-07
               0.000E+00
                              0.000E+00
                                            2 359E-05
                                                           0.000E+00
                                                                          2 116E-06
```

4.121E-07 2.453E-07 2.329E-07 2.078E-07 7.758E-06 1.706E-06 2 627E-06 0.000E+00 0.000E+00 1.444E-01 0.000E+00 0.000E+00 6.360E-05 4.054E-05 0.000E+00 0.000E+00 0.000E+00 1.710E-01 1.507E-01 1.472E-06 0.000E+00 0.000E+00 514 515 0.000E+00 2.031E-06 2.175E-06 3.815E-05 0.000E+00 1.394E-06 0.000E+00 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.471E-01 0.000E+00 1.260E-06 0.000E+00 3 368E-05 n none+on 2.742E-05 0.000E+00 1,825E-06 1.039E-06 1.695E-07 0.000E+00 0.000E+00 517 518 0.000E+00 0.000E+00 1.521E-01 2,205E 05 0.000E+00 1.449E-06 8.357E-07 6.399E-07 1.363E-07 0.000E+00 0.000E+00 0.000E+00 0.000E100 1.043E-07 0.000E+00 0.000E+00 1.092E-06 0.000E+00 519 0.000E+00 0.000E+00 1.690E-05 0.000E+00 0.000E+00 0.000E+00 1.302E-05 8.535E-07 4.916E-07 8.040E-08 0.000E+00 0.000E+00 1.040E-01 520 6.396E-08 5.110E-08 0.000E+00 6.997E-07 5.464E-07 3.887E-07 0.000E+00 0.000E+00 1.034E-05 0.000E+00 8.160E-02 521 0.000E+00 0.000E+00 6.760E-02 3.099E-07 0.000E+00 8.274E-06 0.000E+00 0.000E+00 0.000E+00 2.517E-07 2.105E-07 6.731E-06 0.000E+00 4.305E-07 4.150E-08 0.000E+00 0.000E+00 5.882E-02 0.000E+00 O DDOE+00 523 0.000E+00 3.557E-07 3 469E-08 0.000E+00 4.976E-02 524 0.000E+00 0.000E+00 5.630E-06 0.000E+0D 2.991E-08 2.676E-08 4.006E-02 4.855E-06 0.000E+00 3.064E-07 1.812E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.343E-06 0.000E+00 2.748E-07 1.620E-07 0.000E+00 0.000E+00 3.214E-02 526 527 0.000E+00 0.000E+00 2.435E-08 2.242E-08 2.714E-02 0.000E+00 0.000E+00 3.952E-06 0.000E+00 2.509E-07 2.335E-07 1.471E-07 1.352E-07 0.000E+00 0.000E+D0 0.000E+00 2.403E-02 0.000E+00 0.000E+00 0.000E+00 3.637E-06 0.000E+00 528 3.374E-06 0.000E+00 2.190E-07 1.252E-07 2.081E-08 0.000E+00 0.000E+00 2.183E-02 0.000E+00 529 0.000E+00 3.151E-06 2.064E-07 7.788E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.168E-07 1.944E-08 0.000E+00 2.013E-02 530 1.732E-02 2.299E-02 2.456E-07 2.944E-07 3.581E-07 0.000E+00 0.000E+00 3.910E-08 0.000E+00 0.000E+00 6.005E-06 7.199E-06 531 0.000E+00 0 000E+00 .378E-07 4.689E-08 0.000E+00 0.000E+00 0.000E+00 532 0.000E+00 3.040E-02 5.612E-08 0.000E+00 0.000E+00 0.000E+00 8.599E-06 0.000E+00 1.129E-06 533 0.000E+00 1.318E-06 1.502E-06 6.664E-08 7.950E-08 9.769E-08 3.786E-02 4.748E-02 5.976E-02 0.000E+00 4,252E-07 0.000E+00 0.000E+0D 1.023E-05 0.000E+00 0 000E+00 1.229E-05 1.515E-05 4.938E-07 6.075E-07 7.432E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 535 0.000E+00 0.000E+00 536 0.000E+00 0.000E+00 1.789E-06 1.918E-05 7.050E-05 8.118E-02 2.377E-01 2.124E-01 1.224E-07 0.000E+00 0.000E+00 0.000E+00 2.042E-06 537 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.182E-06 3.504E-06 2.654E-06 2.357E-06 4.285E-07 3.885E-07 0.000E+00 0.000E+00 0.000E+00 538 0.000E+00 0.000E+00 6.347E-05 5.480E-05 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3,899E-06 2.118E-06 3.404E-07 0.000E+00 0.000E+00 1.949E-01 0.000E+00 540 0.000E+00 1.946E-01 3.044E-05 0.000E+00 2.185E-06 1.263E-06 1.208E-06 7.854E-07 1.894E-07 1.284E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 541 0.000E+00 0.000E+00 1.654E-01 2.087E-05 0.000E+00 0 000E+00 0.000E+00 1.548E-05 0.000E+00 9.659E-07 5.804E-07 9.532E-08 0.000E+00 0.000E+00 1.269E-01 0.000E+00 0.000E+00 543 9.772E-02 0.000E+00 0.000E+00 0.000E+00 1.155E-05 0.000E+00 7.172E-07 4.312E-07 7.112E-08 0.000E+00 544 5.547E-08 7.951E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.456E-07 3.364E-07 0.000E+00 0.D00E+00 9.023E-06 7.302E-06 4.407E-07 2.719E-07 2.290E-07 1.999E-07 4.488E-08 3.785E-08 3.310E-08 0.000E+00 0.000E+00 6.545E-02 5.156E-02 4.027E-02 546 547 O DODE+DD 0.000E+00 0.000E+00 6.152E-06 0.000E+00 3.789E-07 0 000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.353E-07 0.000E+00 0.000E+00 5.377E-06 3.333E-02 2.919E-02 2.634E-02 4.808E-06 0.000E+00 3.049E-07 1.784E-07 2.962E-08 2.689E-08 0.000E+00 0.000E+00 0 .000E+00 549 0.000E+00 4.363E-06 2.802E-07 2.596E-07 0.000E+00 0.000E+00 0.000E+00 1.617E-07 0 DOOE+DO 0.000E+00 550 1.483E-07 1.370E-07 0.000E+00 2.469E-08 0.000E+00 0.000E+00 0.000E+00 4.005E-06 0.000E+00 0.000E+00 2.425E-07 2.285E-08 0.000E+00 0.000E+00 2.412E-02 3.704E-06 552 0.000E+00 0 .000E+00 2.288E-07 2.178E-07 7.249E-07 2.127E-08 1.988E-08 2.224E-02 2.062E-02 3.445E-06 0.000E+00 1.274E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 553 1.191E-07 0.000E+00 0.000E+00 3.216E-06 5.244E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.316E-07 3.452E-08 0.000E+00 0.000E+00 1.896E-02 2.041E-02 0.000E+00 555 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.290E-06 7.708E-06 0.000E+00 8.353E-07 2.669E-07 4.114E-08 0.000E+00 556 2.538E-02 3.504E-02 4.705E-02 3,203E-07 5.026E-08 1,005E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.799E-07 4.677E-07 0.000E+00 1,188E-06 6,022E-08 0.000E+00 0.000E+00 0.000E+00 9.256E-06 0.000E+00 558 0.000E+00 7.387E-08 9.309E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.446E-06 1.734E-06 0.000E+00 1.136E-05 5.790E-07 0.000E+00 0.000E+00 6.259E-02 1.441E-05 560 0.000E+00 0.0002+00 2.653E-05 0.000E+00 2.635E-D6 1.014E-06 1.602E-07 0.000E+00 0.000E+00 1.243E-01 0.000E+00 0.00DE+00 561 0.000E+00 1.969E-01 2.830E-07 0.000E+00 0.000E+00 0.000E+00 4.534E-05 0.000E+00 3.604E-06 1.709E-06 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -ALL RECEPTORS, 1991 MET, PM10 OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Output File: g:\ace\GQ91\GQPACE.OUT Input File: g:\ace\GQ91\GQPACE.DAT 11/07/95 09:41:42 Page -134 8.138E-07 9.713E-07 8.552E-07 0.000E+00 3.104E-01 5 410E-06 0.000E+0D 0.000E+00 0.000E+00 2.869E-01 2.687E-01 0.000E+00 1.503E-05 1.607E-05 0.000E+00 1.522E-04 1.320E-04 0.000E+00 0.000E+00 6.079E-06 5.455E-06 0.000E+00 0.000E+00 564 0.000E+00 0.000E+00 565 0.000E+00 0.000E+00 1.211E-06 7.400E-07 5.102E-07 2.176E-01 1.609E-01 1.190E-01 0.000E+00 0.000E+00 2.033E-06 1.884E-07 0.000E+00 0.000E+00 0.000E+00 3.038E-05 566 1.942E-05 1.357E-05 0.000E+00 0.000E+00 1.202E-06 8.130E-07 1.197E-07 8.345E-08 0.000E+00 0.000E+00 0.000E+00 0,000E+00 567 0.000E+00 0.000E+00 0.000E+00 0 000E+00 568 9.206E-02 6.993E-02 5.292E-02 0.000E+00 0.000E+00 1.014E-05 0.000E+00 5.927E-07 3.765E-07 6.225E-08 0.000E+00 0.000E+00 569 0.000E+00 570 0.000E+00 0.000E+00 8.202E-06 0.000E+00 4.892E-07 3.036E~07 5.0378-08 0.000E+00 0.000E+00 4.293E-08 2.581E-07 0.000E+00 0.000E+00 4.243E-07 0.000E+00 0.000E+00 6.986E-06 3.768E-07 2.269E-07 3.778E-08 0.000E+00 0.000E+00 4.271E-02 6.145E-06 0.000E+0D 0.000E+00 572 0.000E+00 3.369E-08 3.042E-08 0.000E+00 0.000E+00 5.478E-06 0.000E+00 3.375E-07 2.020E-07 0.000E+00 0.000E+00 3.682E-02 573 0.000E+00 0.000E+00 3.280E-02 4.943E-06 4.479E-06 0.000E+00 0.000E+00 3.103E-07 2.875E-07 0.000E+00 0.000E+00 1.824E-07 2.965E-02 2.723E-02 2.549E-02 2.760E-08 0.000E+00 0.000E+00 1.654E-07 575 0.000E+00 0.000E+00 4.060E-06 0.000E+00 2.655E-07 1.500E-07 2 504E-08 0.000E+00 0.000E+00 576 0.000E+00 0,000E+00 3.675E-06 3.327E-06 0.000E+00 0.000E+00 2.438E-07 2.237E-07 1.359E-07 1.232E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.269E-08 2.433E-02 2.352E-02 2.343E-02 2.055E-08 0.000E+00 0.000E+00 578 0.000E+00 0 000E+00 1.865E-08 2.885E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.016E-06 0.000E+00 2.058E-07 1.119E-07 0.000E+00 579 1.959E-07 580 0.000E+00 0.000E+00 4.365E-06 5.135E-06 0.000E+00 6.204E-07 7.477E-07 0.000E+00 2.671E-02 2.852E-02 3.171E-02 2.401E-07 3.411E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0 000E+00 581 0.000E+00 0.000E+00 0.000E+00 6.087E-06 0.000E+00 8.660E-07 2.796E-07 4.029E-08 0.000E+00 0.000E+00 582 1.001E-06 1.249E-06 0.000E+00 583 0.000E+00 0,000E+00 7.497E-06 0.000E+00 3 236E-07 4.912E-08 4.046E-07 6,351E-08 0.000E+00 4.177E-02 0.000E+00 0.000E+00 0.000E+00 0 000E+00 9.758E-06 584 1.281E-05 0.000E+00 5.242E-07 B.316E-08 0.000E+00 0.000E+00 0.000E+00 6.001E-02 1.322E-01 0.000E+00 1.608E-06 0.000E+00 585 2.753E-06 3.790E-06 0.000E+00 0.000E+00 2.580E-05 0.000E+00 1,018E-06 1.648E-07 0.000E+00 586 0.000E+00 1.739E-06 5.331E-06 0.000E+00 0.000E+00 2,266E-01 0.000E+00 0.000E+00 4.576E-05 1.275E-04 2.865E-07 587 0.000E+00 1.365E-05 2.507E-06 8.697E-07 0.000E+00 8.177E-07 0.000E+00 0.000E+00 3.775E-01 0.000E+00 588 2.143E-01 0.000E+00 1,933E-07 1.389E-06 5.896E-07 0.000E+00 0.000E+00 0.000E+00 3.055E-05 0.000E+00 589 9.757E-08 0.000E+00 1.453E-01 0.000E+00 0.000E+00 590 0.000E+00 0.000E+00 1.595E-05 1.197E-05 6.766E-07 5.580E-07 1,029E-01 7,451E-02 5,790E-02 0.000E+00 0.000E+00 0.000E+00 4.405E-07 7.330E-08 0:000E+00 0.000E+00 591 3.566E-07 2.997E-07 2.565E-07 0.000E+00 0.000E+00 0.000E+00 9.705E-06 0.000E+00 5.948E-08 0.000E+00 592 4.801E-07 5.004E-08 0.000E+00 0.000E+00 593 8.157E-06 6.977E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.249E-07 4.287E-08 0.000E+00 0.000E+00 4.895E-02 594 0.000E+00 0.000E+006.021E-06 0.000E+00 3.777E-07 2.217E-07 3.705E-08 0.000E+00 0.000E+00 4,305E-02 3,899E-02 0.000E+00 0.000E+00 595 0.000E+00 0.000E+00 596 3.216E-08 0.000E+00 0.000E+00 5,219E-06 0.000E+00 3.343E-07 1.926E-07 2,962E-07 0.000E+00 3.622E-02 0.000E+00 1.681E-07 2.805E-08 0.000E+00 597 0.000E+00 0.000E+00 4.549E-06 2.639E-07 2.354E-07 2.123E-07 2.467E-08 2.188E-08 0.000E+00 0.000E+00 3.416E-02 3.233E-02 0.000E+00 0.000E+00 3.998E-06 0.000E+00 1.480E-07 598 0.000E+00 3.543E-06 3.179E-06 599 0.000E+00 0.000E+00 0.000E+00 1.312E-07 3.037E-02 2.819E-02 2.590E-02 0.000E+00 1.179E-07 1.963E-08 0.000E+00 0.000E+00 600 0.000E+0D 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.872E-06 1.911E-07 1.065E-07 1.7730 00 0.000E+00 0.000E+00 601 1.745E-07 4.769E-07 5.602E-07 0.000E+00 0.000E+00 2,625E-06 3,745E-06 9.749E-08 1.530E-07 1.621E-08 602 0.000E+00 0.000E+00 0.000E+00 1.317E-02 1.917E-02 0.000E+00 2.434E-08 0.000E+00 0.000E+00 603 0.000E+00 0.000E+00 4.359E-06 0.000E+00 1.798E-07 2.837E-08 $0.000E \pm 00$ 0.000E+00 0.000E+00 0.000E+00 604 0.000E+00 2.759E-02 5.266E-06 0.000E+00 6.881E-07 2 204E-07 3 436E-08 0.000E+00 0.000E+00

```
8.527E-07
1.096E-06
1.437E-06
1.916E-06
                                                                                                         4.197E-08
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+0D
                                             6.414E-06
7.963E-06
1.044E-05
                                                           0.000E+00
                                                                                          2.735E-07
              0.000E+00
                             0.000E+00
     606
                                                                                                                                                       4.603E-02
5.801E-02
                                                                                          3.522E-07
                                                                                                         5.240E-08
6.863E-08
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                             0.000E+00
    607
              0_000E+00
                                                                                                                                        0.000E+00
    608
                             0.000E+00
                                                            0.000E+00
                                                                                          4.527E-07
6.287E-07
                                                                                                         9.831E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       8.349E-02
                                             1.512E-05
                                                            0.000E+00
              0.000E+00
                             0.000E+00
     609
                                                                           2.255E-06
                                             3.950E-05
                                                            0.000E+00
                                                                                          1.631E-06
                                                                                                         2.437E-07
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                       3.030E-01
              0.000E100
                             0.000E+00
    610
                                                                                                         1.260E-07
8.724E-08
                                                                                                                                        0.000E+00
                                                                                                                                                       1.786E-01
                                                                                                                         0.000E+00
              0.000E+00
                             0.000E+00
                                             2.059E-05
                                                            0.000E100
                                                                           1.138E-06
8.249E-07
                                                                                          7.629E-07
5.214E-07
     611
                                             1.423E-05
                                                                                                                                        0.000E+00
                                                                                                                                                       1.177E-01
                                                            0.000E+00
                                                                                                                         0.000E+00
     612
              0.000E+00
                             0.000E+00
                                             1,091E-05
                                                            0.000E+00
                                                                           6.590E-07
                                                                                          3,997E-07
                                                                                                         6.698E-08
                                                                                                                        0.000E+00
                                                                                                                                        0.000000
                                                                                                                                                       8 662E-02
              0.000E+00
                             0.000E+00
     613
                                                                                                                                        0.000E+00
                                                                                                                                                       7.211E-02
                                                                                                                        0.000E+00
              0.000E+00
                             0.000E+00
                                             8.675E-06
                                                            0.000E+00
                                                                           5.388E-07
                                                                                          3.186E-07
                                                                                                         5.335E-08
    614
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                                                                                                     VERS. 93288 *
                                                                         1991 MET
                                                                                      PM10
                                                                                                        OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                         Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                            11/07/95
                                                                                                                                          09:41:42
                                                                                                                                                                 135
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                        Page -
                                                                                                         4.354E-08
3.661E-08
3.143E-08
                                                                                                                                                       6.334E-02
5.687E-02
5.124E-02
                                             7.078E-06
5.949E-06
5.108E-06
                                                                                          2.601E-07
2.191E-07
1.882E-07
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                            0.000E+00
              0.000E+00
    615
616
                                                                                                                        0.000E+00
0.000E+00
                                                                           3.735E-07
3.189E-07
                                                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
              0.000E+00
                             0.000E+00
              0.000E+00
                             0.000E+00
                                                                           2.789E-07
2.486E-07
                                                                                                         2.758E-08
2.463E-08
2.230E-08
                                                                                                                                        0.000E+00
                                                                                                                                                       4.579E-02
                              0.000E+00
                                             4.483E-06
                                                            0.000E+00
                                                                                          1.654E-07
                                                                                                                         0.000E+00
              0.000E+00
     618
                                                                                                                                                      4.031E-02
3.505E-02
3.032E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.00DE+00
                                             4.004E-06
3.624E-06
                                                            0.000E+00
                                                                                          1.477E-07
     619
               0.000E+00
                              0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                          1.338E-07
                                                                                                                         0.000E+00
                              0.000E+00
     620
              0.000E+00
                                                                                                         2.040E-08
                                                                                                                         0.000E+00
              0.000E+00
                              0.000E+00
                                             3.316E-06
                                                            0.000E+00
                                                                           2.065E-07
                                                                                          1.224E-07
     621
                                                                                                                                        0.000E+00
                                                                                                                                                       2.621E-02
                                                            0.000E+00
0.000E+00
                                                                           1 905E-07
                                                                                          1 128E-07
                                                                                                         1,880E-08
                                                                                                                         0.000E+00
                                             3.055E-06
2.840E-06
     622
               0.000E+00
                              0.000E+00
                                                                                                                                                       2.271E-02
1.977E-02
                                                                                          1.049E-07
                                                                                                         1.748E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           1.782E-07
     623
              0.000E+00
                              0.000E+00
                                                                                                         1,674E-08
2,182E-08
                                                                                                                                        0.000E+00
                                             2.712E-06
                                                            0.000E+00
                                                                           1.782E-07
                                                                                          1.011E-07
                                                                                                                         0.000E+00
                              0.000E+00
     624
               0.000E+00
                                                                                          1.477E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.083E-02
               0.000E+00
                              0_000E+00
                                             3.321E-06
                                                            0.000E+00
                                                                           4.486E-07
                                                                                                         2.419E-08
2.715E-08
3.174E-08
                                             3.682E-06
                                                            0.000E+00
                                                                           4.936E-07
                                                                                          1.648E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.230E-02
1.477E-02
              0.000E+00
0.000E+00
                              0.000E+00
     626
                              0.000E+00
                                             4.144E-06
                                                            0.000E+00
                                                                           5.440E-07
                                                                                          1.835E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     627
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.966E-02
                                                                                          2,098E-07
                                                            0.000E+00
                                                                           6.202E-07
               0.000E+00
                              0.000E+00
                                             4.867E-06
     628
                              0.000E+00
                                             6.077E-06
                                                            0.000E+00
                                                                           7,608E-07
                                                                                          2.552E-07
                                                                                                         3.950E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.019E-02
               0.000E+00
     629
                                                                                          3.351E-07
                                                                                                                                                       4.885E-02
7.890E-02
                                             8.188E-06
                                                                                                         5.310E-08
7.679E-08
                                                                                                                                        0.000E+00
                                                            0.000E+00
                                                                           1,018E-06
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     630
                                                                                          4.797E-07
7.975E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           1,464E-06
                                             1.185E-05
1.959E-05
                                                            0.000E+00
     631
               0.000E+00
                              0.000E+00
                                                                                                                                                       1.388E-01
2.442E-01
                                                            0.000E+00
                                                                           2.401E-06
                                                                                                          1.269E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
     632
               0.000E+00
                                                                           1.244E-06
8.477E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             2.609E-05
                                                            0.000E+00
                                                                                          9.596E-07
                                                                                                          1.587E-07
     633
                                                                                                          9.793E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.603E-01
                                             1.604E-05
1.184E-05
                                                            0.000E+00
0.000E+00
                                                                                          5.877E-07
               0.000E+00
                              0.000E+00
                                                                                          4,333E-07
3.405E-07
2.793E-07
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                                                           6.617E-07
                                                                                                          7.243E-08
                                                                                                                         0.000E+00
                                                                                                                                                       1.219E-01
     635
               0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                       9.600E-02
               0.000E+00
                              0.000E+00
                                             9.297E-06
                                                            0.000E+00
0.000E+00
                                                                           5.440E-07
4.586E-07
                                                                                                          5.701E-08
     636
                                             7.623E-06
                                                                                                          4.680E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       7.653E-02
     637
               0.000E+00
                              0 000E+00
                                                                                          2.375E-07
2.057E-07
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       6.114E-02
4.912E-02
                                             6.482E-06
                                                            0.000E+00
                                                                           3.949E-07
                                                                                                          3.983E-08
                                                                                                                         0.000E+00
                              0.000E+00
               0.000E+00
     638
                                                                           3.475E-07
3.105E-07
                                                                                                          3.450E-08
                                                                                                                         0.000E+00
                                             5.611E-06
4.916E-06
                              0.000E+00
                                                            0.000E+00
     639
               0.000E+00
                                                            0.000E+00
                                                                                           1.805E-07
                                                                                                          3.026E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4,006E-02
               0 000E+00
                              0.000E+00
     640
                                                                           2.803E-07
2.561E-07
2.351E-07
                                             4,363E-06
                                                            0.000E+00
                                                                                          1.603E-07
                                                                                                         2.688E-08
2.418E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.00DE+00
                                                                                                                                                       3 333E-02
                              0.000E+00
               0.000E+00
     641
                                                                                                                                                       2.836E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             3.921E-06
3.551E-06
                                                                                          1.443E-07
                              0.000E+00
                                                            0.000E+00
     642
               0.000E+00
                                                                                                                                                       2.473E-02
2.206E-02
                                                            0.000E+00
                                                                                           1.308E-07
                                                                                                          2.192E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     643
               0.000E+00
                              0.000E+00
                                             3.242E-06
2.978E-06
                                                            0.000E+00
                                                                           2.173E-07
2.013E-07
                                                                                          1.196E-07
1.098E-07
                                                                                                         2.002E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
     644
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       2.005E-02
                                                                                                          1.840E-08
     645
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.846E-02
                                             2.759E-06
                                                            0.000E+00
                                                                           1.886E-07
                                                                                           1.019E-07
                                                                                                          1.706E-08
     646
               0.000E+00
                              0.000E+00
                                                                                                                                                       1.717E-02
1.349E-02
1.572E 02
                                                                                                         1,585E-08
1,792E-08
                                                                                                                         0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.762E-07
                                                                                           9,467E-08
                                                                                                                                        0.000E+00
     647
                                                                                          1.225E-07
1.383E-07
                                                                                                                                        0.000E+00
               0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           3.614E-07
3.978E-07
                              0.000E+00
                                             2.731E-06
                                             3.061E-06
                                                                                                          2.006E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
     649
                                             3.484E-06
                                                            0.000E+00
                                                                           4,420E-07
                                                                                           1.580E-07
                                                                                                         2.279E-08
2.642E-08
                                                                                                                         0.000E+00
                                                                                                                                        n noor+on
                                                                                                                                                       1.859E-02
                              0.000E+00
               0.000E100
     650
                                                                                                                                                       2.241E-02
2.769E-02
3.559E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           4.998E-07
5.900E-07
7.171E-07
     651
               0.000E+00
                              0.000E+00
                                             4.056E-06
                                                            0.000E+00
                                                                                           1. BDAE-07
                                                                                          2.133E-07
2.544E-07
3.254E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                             4.924E-06
                                                            0.000E+00
                                                                                                          3.194E-08
     652
               0.000E+00
                              0.000E+00
                                                                                                         3.967E-08
               0.000E+00
                              0.000E+00
                                             6.147E-06
                                                            0.000E+00
     653
                                                                                                                                        0.000E+00
                                                                                                                                                       4.993E-02
                                                                                                          5.281E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             8.219E-06
1.261E-05
                                                            0.000E+00
                                                                           9.396E-07
1.368E-06
                                                                                           4.850E-07
                                                                                                          8.053E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       9.043E-02
     655
                              0.000E+00
               0.000E+00
                                                                           3.549E-06
1.716E-06
                                                                                          2.052E-06
1.278E-06
                                                                                                         3.308E-07
2.116E-07
                                                                                                                                                       1.288E+00
               0.000E+00
                              0.000E+00
                                             5,348E-05
                                                            0.000E+00
                                                                                                                         0.000E+00
     656
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.790E-01
                                             3 474E-05
     657
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.009E-06
7.222E-07
                                                                                                                                                       2.182E-01
1.436E-01
                                             2.069E-05
                                                            0.000E+00
                                                                                           7.568E-07
                                                                                                          1.259E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
               0.000E+00
                                                                                                                                        0.000E+00
                                                                                                          8.359E-08
               0.000E+00
                              0.000E+00
                                             1.369E-05
                                                            0.000E+00
                                                                                           5.014E-07
                                                                                                                         0.000E+00
     659
                                                                                                                                                       1.031E-01
7.999E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             1.006E-05
                                                            0.000E+00
                                                                           5.825E-07
                                                                                           3.689E-07
                                                                                                          6.164E-08
     660
                                             7.907E-06
6.504E-06
                                                            0.000E+00
                                                                                           2.904E-07
                                                                                                          4.861E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                           4,874E-07
               0.000E+00
                              0.000E+00
     661
                                                                                                                                                       6.560E-02
5.560E-02
                                                                           4.145E-07
                                                                                           2.388E-07
                                                                                                          4.005E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                            0.000E+00
               0.000E+00
     662
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
                                              5.544E-06
                                                            0.000E+00
                                                                           3.632E-07
                                                                                           2.037E-07
                                                                                                          3,419E-08
                              0.000E+00
     663
                                                                                                         3.148E-08
2.703E-08
                                                                           3.733E-07
3.123E-07
                                                                                           1.914E-07
                                                                                                                                        0.000E+00
                                                                                                                                                       4.814E-02
                                                                                                                         0.000E+00
                                                            0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
0.000E+00
                                             5.066E-06
                                             4,358E-06
                                                                                           1.628E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       4.228E-02
     665
               0.000E+00
                                                                                                                                                       3.755E-02
                                                                                                                                        0.DD0E+00
                                             3,765E-06
                                                            0.000E+00
                                                                           2.570E-07
                                                                                           1.389E-07
                                                                                                          2.327E-08
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
     666
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                      PM10
                                                                                                                                                        Page -
                                                          Output File: g:\ace\GQ91\GQFACE.OUT
                                                                                                                                                                  136
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       3.366E-02
                                             3.388E-06
                                                             0.000E+00
                                                                           2.333E-07
                                                                                           1.250E-07
                                                                                                          2.095E-08
               0.000E+00
                              0.000E+00
                                                                                                                                                       3.044E-02
2.774E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                                                                           1.134E-07
1.037E-07
9.572E-08
                                                                                                          1.900E-08
1.737E-08
               0.000E+00
                                             3.070E-06
                                                             0.000E+00
                                                                           2.144E-07
1.984E-07
     668
                                             2.805E-06
2.586E-06
2.401E-06
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     669
               0.00DE+00
                              0.000E+00
                                                            0.000E+00
                                                                                                                                                       2.543E-02
2.344E-02
                                                                           1.848E-07
                                                                                                          1.603E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                            0.000E+00
                              0,000E+00
     670
               0.000E+00
                                                                                                          1.489E-08
1.390E-08
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.730E-07
                                                                                           8.893E-08
                                                                                                                         0.000E+00
     671
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       2.169E-02
                                             2.240E-06
2.443E-06
                                                                           1.627E-07
3.077E-07
                                                                                           8.302E-08
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           1,068E-07
                                                                                                          1.593E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       1.002E-02
                                                             0.000E+00
     673
               0.000E+00
                              0.000E+00
                                                                                                                                                       1 156E-02
               0.000E+00
                              0.000E+00
                                              2.731E-06
                                                             0.000E+00
                                                                           3.431E-07
                                                                                           1.224E-07
                                                                                                          1.783E-08
                                                                                                                         0.000E+00
                                                                                                                                        0 000E+00
     674
                                                                                                                                                       1,373E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           3.823E-07
                                                                                           1.411E-07
1.611E-07
                                                                                                          2.031E-08
2.377E-08
                              0.000E+00
                                             3.116E-06
                                                                                                                                                       1.660E-02
2.053E-02
                                                                            4.272E-07
                                                                                                                         0.000E+00
                                                                                                                                        0,000E+00
     676
               0.000E+00
                              0.000E+00
                                             3,671E-06
                                              4.425E-06
                                                                                                          2.847E-08
                                                                                                                                        0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            4.958E-07
                                                                                           1.835E-07
                                                                                                                         0.000E+00
               0.000E+00
     677
                                                                                                                                                       2.559E-02
3.575E-02
5.977E-02
                                                                                                          3.596E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             5.584E-06
7.522E-06
                                                             0.000E+00
                                                                           6.523E-07
                                                                                           2.225E-07
                                                             0.000E+00
                                                                            8.644E-07
                                                                                           3.049E-07
                                                                                                          4.843E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
               0.000E+00
                                              1.028E-05
                                                             0.000E+00
                                                                            1.113E-06
                                                                                           4.032E-07
                                                                                                          6.571E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
     680
                                                                                                                                        0.000E+00
                                                                                                                                                       1,215E-01
                                                                           2.014E-06
4.592E-06
4.749E-06
                                                                                           7.487E-07
1.386E-06
                                                                                                          1.254E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.975E-05
                                                             0.000E+00
     681
                                                                                                                                         0.000E+00
                                                                                                                                                       6.849E-01
                              0.000E+00
0.000E+00
                                             3.654E-05
3.842E-05
                                                             0.000E+00
                                                                                                          2,362E-07
                                                                                                                         0.000E+00
               0.000E+00
                                                                                           1.481E-06
1.431E-06
                                                             0.000E+00
                                                                                                          2.482E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       1.164E+00
               0.000E+00
     683
                                                                                                                                                       1.225E+00
2.521E-01
1.507E-01
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                          2.365E-07
               0.000E+00
                              0.000E+00
                                             3,763E-05
                                                                           3,306E-06
     684
                                                                                           9.164E-07
                                                                                                          1.533E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                            1.460E-06
                                             2.500E-05
1.761E-05
     685
               0.000E+00
                              0.000E+00
                                                                                                          1.078E-07
7.765E-08
                                                             0.000E+00
                                                                            9.809E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                           6.453E-07
                              0.000E+00
     686
               0.000E+00
                                                                                                                                                       1.063E-01
                                                                                           4.645E-07
3.479E-07
2.724E-07
                                                                                                                                         0.000E+00
                                                                           7.125E-07
5.392E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.269E-05
                                                             0.000E+00
     687
                                                                                                          5.813E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       7.951E-02
               0.000E+00
                              0.000E+00
                                             9.492E-06
7.419E-06
                                                             D.000E+00
                                                             0.000E+00
                                                                            4.362E-07
                                                                                                          4.551E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                       6.313E-02
               0.000E+00
                              0.000E+00
     689
                                                                                                                                                       5.248E-02
4.514E-02
                                                                                                                                         U.UUUE+DU
               0.000E+00
                                                             0.000E+00
                                                                            3.731E-07
                                                                                           2.264E-07
                                                                                                          3.785E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                              6,161E-06
     690
                                                                                                                                         0.000E+00
                                                                                                          3.224E-08
                                             5.243E-06
4.538E-06
                                                                            3.238E-07
                                                                                           1.929E-07
               0.000E+00
                              0,000E+00
                                                             D. DDOE+OO
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       3.973E-02
3.550E-02
                                                                            2.851E-07
                                                                                                          2.793E-08
                                                                                                                         0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           1.672E-07
     692
               0.000E+00
                                                                                           1.490E-07
                              0.000E+00
                                                                                                          2,488E-08
2,215E-08
                                              4.039E-06
                                                             0.000E+00
                                                                            2.573E-07
                                                                                                                         0.000E+00
     693
               0.000E+00
                                                                                                                                                       3.202E-02
                                                                                                                         0.000E+00
                                                                                           1.326E-07
```

2.322E-07

0.000E+00

0.000E+00

3.594E-06

```
2.105E-07
1.933E-07
1.785E-07
                                                                                              1.188E-07
1.078E-07
                                                                                                              1.984E-08
1.800E-08
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             2.907E-02
2.657E-02
                               0.000E+00
                                               3.217E~06
                                                               0.000E+00
                                                                                                                              0.000E+00
               0.000E+00
     695
                                                                                                                              0.000E+00
                                               2.917E-06
2.659E-06
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                               9.841E-08
                                                                                                              1.643E-08
                                                                                                                                                             2.441E-02
2.254E-02
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     697
               0.000E+00
                               0.00E+00
                               0.000E+00
                                               2.432E-06
                                                               0.000E+00
                                                                               1.661E-07
                                                                                               9 008E-08
                                                                                                              1.504E-08
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
               0.000E+00
     698
                                                                                                                                              0.000E+00
                                                                                                                                                              2,088E-02
                                                                                                                              0.000E+00
                                               2.234E-06
2.251E-06
                                                                                               8.287E-08
                                                                                                              1.383E-08
               0,000E+00
                               0.000E+00
                                                               0.0008+00
                                                                               1.562E-07
     699
                                                                               1.818E-07
                                                                                                              1.409E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                             1.943E-02
9.310E-03
                                                               0.000E+00
                               0.000E+00
     700
               0.000E+00
                                                                                               1.023E-07
                                               2.470E-06
                                                               0.000E+00
                                                                              2.951E-07
3.340E-07
                                                                                                              1.598E-08
1.831E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
     701
                                                                                               1.155E-07
                                                                                                                                                              1.029E-02
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                               2.838E-06
3.320E-06
                                                               0.000E+00
     702
               0.000E+00
                               0 000E+00
                                                                                              1.390E-07
1.743E-07
1.977E-07
                                                                                                              2.153E-08
2.505E-08
2.901E-08
                                                                                                                                                              1.131E-02
1.339E-02
                                                                               4.052E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                                               0.000E+00
     703
                                                                              4.808E-07
5.472E-07
                                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
     704
               0.000E+00
                               0.000E+00
                                               3.834E-06
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.758E-02
                                               4.456E-06
5.242E-06
                                                               0 000E+00
     705
               0.000E+00
                               0 000E+00
                                                                                                                                                             2.550E-02
3.812E-02
                                                               0.000E+00
                                                                               6.328E-07
                                                                                               2.236E-07
                                                                                                              3.400E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
               0.000E+00
     706
                                                                                              2.605E-07
3.563E-07
                                                                                                              4.055E-08
5.830E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                              6.980E-07
9.455E-07
               0.000E+00
                               0.000E+00
                                               6.312E-06
     707
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.587E-02
                                               9.157E-06
               0.000E+00
                               0.000E+00
     708
                                               1.634E-05
2.473E-05
               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                              1.837E-06
2.978E-06
3.127E-06
                               0.000E+00
                                                                                              6.260E-07
9.521E-07
                                                                                                              1.046E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.776E-02
     709
                                                                                                              1.594E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              2.653E-01
                                                                                                                              0.000E+00
                               0.000E+00
                                                               0.000E+00
     710
                                                                                               1.094E-06
                                                                                                              1.814E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.484E-01
                                               2.836E-05
2.769E-05
                                                               0.000E+00
     711
               0.000E+00
                               0.000E+00
               0.000E+00
0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               2.537E-06
                                                                                               1.077E-06
                                                                                                              1.747E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.081E-01
     712
713
                                                                                                                                              0.000E+00
                                                                                                                                                              2.156E-01
                                                                                                              1.265E-07
9.516E-08
                                                               0.000E+00
0.000E+00
                                                                               1.488E-06
9.993E-07
                                                                                               7.560E-07
5.680E-07
                                                                                                                              0.000E+00
                               0.000E+00
                                               2.039E-05
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.335E-01
     714
               0.000E+00
                               0.000E+00
                                               1.544E-05
                                                                                              4.308E-07
3.459E-07
2.669E-07
                                                                                                                                                              9.209E-02
7.247E-02
                                                                               7.367E-07
                                                                                                              7.212E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
0.000E+00
                               0.000E+00
                                                1.172E-05
                                                               0.000E+00
     715
716
                                                                                                              5.734E-08
                                                                                                                                              0.000E+00
                                               9.349E-06
7.251E-06
                                                               0.000E+00
0.000E+00
                                                                               5.423E-07
4.221E-07
                                                                                                                              0.000E+00
0.000E+00
                               0.000E+00
                                                                                                               4.447E-08
                                                                                                                                              0.000E+00
                                                                                                                                                              5.938E-02
               0.000E+00
                               0.000E+00
                               0.000E+00
                                               5.931E-06
                                                               0.000E+00
                                                                               3.635E-07
                                                                                               2.180E-07
                                                                                                              3.645E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.939E-02
     718
               0.000E+00
                                                                                                            OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  11/07/95 09:41:42
                                                                                                                                                              Page - 137
                                                                                                                                              0.000E+00
                                                                                                                                                              4.041E-02
                                               4.949E-06
                                                               0.000E+00
                                                                                               1.820E-07
                                                                                                              3.045E-08
                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                                                                                                                                             3.356E-02
2.840E-02
2.449E-02
2.159E-02
                                               4.299E-06
3.819E-06
                                                                               2.778E-07
2.530E-07
2.295E-07
                                                                                                              2.649E-08
2.357E-08
2.108E-08
               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                              1.581E-07
1.406E-07
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                               0.000E+00
     720
                                                               0.000E+00
0.000E+00
     721
                               0.000E+00
                               0.000E+00
                                               3.413E-06
                                                                                               1.258E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     722
               0 000E+00
                                                                                                              1.913E-08
1.764E-08
                                               3.097E-06
                                                               0.000E+00
                                                                               2.092E-07
                                                                                               1.143E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     723
               0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.946E-02
1.785E-02
1.661E-02
                                                                                               1.055E-07
                                                                                                                                              0.000E+00
                                               2.854E-06
2.638E-06
                                                                               1.934E-07
1.777E-07
     724
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                               9.753E-08
                                                                                                              1.630E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     725
               0.000E+00
                                                                               1.641E-07
1.508E-07
1.393E-07
                                                                                                                                              0.000E+00
     726
               0.000E+00
                               0.000E+00
                                                2.448E-06
                                                               0.000E+00
                                                                                               9.061E-08
                                                                                                              1.512E-08
                                                                                                                              0.000E+00
                                               2.265E-06
2.096E-06
                                                               0.000E+00
0.000E+00
                                                                                               8.389E-08
                                                                                                              1.398E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.560E-02
                               0.000E+00
0.000E+00
     727
               0.000E+00
                                                                                                                                                              1.476E-02
7.010E-03
                                                                                               7.766E-08
                                                                                                              1.294E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
     728
                                0.000E+00
                                               2.776E-06
3.054E-06
                                                               0.000E+00
0.000E+00
                                                                               3.556E-07
3.891E-07
                                                                                               1.215E-07
1.350E-07
                                                                                                              1.813E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     729
                0.000E+00
                                                                                                               1.995E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.229E-03
     730
               0.000E+00
                               0.000E+00
                                                3.324E-06
                                                               0.000E+00
                                                                               4.223E-07
                                                                                               1.476E-07
                                                                                                              2.171E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.268E-02
               0.000E+00
                               0.000E+00
     731
                                                                                                                                                              1.669E-02
2.143E-02
                                                                                                              2.388E-08
2.559E-08
                                                                                                                                              0.000E+00
                                0.000E+00
                                                3.649E-06
                                                               0.000E+00
                                                                               4.692E-07
                                                                                               1.634E-07
                                                                                                                              0.000E+00
     732
                0.000E+00
                                               3.912E-06
4.515E-06
                                                                                               1.840E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                               4.848E-07
5.202E-07
                                                               0.000E+00
0.000E+00
     733
734
               0.000E+00
0.000E+00
                               0.000E+00
                                0.000E+00
                                                                                               1.956E-07
                                                                                                               2.919E-08
                                                                                                                              0.000E+00
                                                                                                                                              0 000E+00
                                                                                                                                                              2.661E-02
3.257E-02
                                                                               6.063E-07
9.996E-07
1.606E-06
2.228E-06
2.228E-06
2.151E-06
                                                               0.000E+00
0.000E+00
                                                                                               2.330E-07
3.466E-07
                                                                                                              3.608E-08
5.675E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                5.628E-06
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.404E-02
               0.000E+00
0.000E+00
     736
                                0.000E+00
                                                8.845E-06
                                               1.427E-05
                                                                                                                                                              8.159E-02
1.763E-01
                                0.000E+00
                                                               0.000E+00
                                                                                               5.542E-07
                                                                                                               9.148E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     737
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                1.923E-05
                                                               0.000E+00
                                                                                               7.479E-07
                                                                                                              1.236E-07
                                                               0.000E+00
0.000E+00
                                                                                               8.260E-07
                                                                                                               1.363E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              2.657E-01
     739
               0.000E+00
0.000E+00
                                0.000E+00
                                                2.141E-05
                                                                                                                                                              2.929E-01
1.718E-01
                                0.000E+00
                                                2.161E-05
                                                                                               8.253E-07
                                                                                                               1.371E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     740
                                                                               1.409E-06
1.461E-06
8.973E-07
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                               6.606E-07
6.602E-07
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                1.730E-05
                                                                                                               1.082E-07
                                                                                                               1.018E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.252E-01
                                                1.609E-05
     742
                0.000E+00
                                0 000E+00
                                                                                                                                                              9.048E-02
6.687E-02
5.099E-02
                                                1.161E-05
                                                               0.000E+00
                                                                                               4.415E-07
                                                                                                               7.237E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                0.000E+00
                0.000E+00
     743
                                0.000E+00
                                                8.689E-06
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                               5.657E-07
4.586E-07
                                                                                               3.194E-07
                                                                                                               5.356E-08
                                                                                                                              0.000E+00
                0.000E+00
                                                                                                               4.452E-08
                                                                                               2.664E-07
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
0.000E+00
     745
                                0.000E+00
                                                7.231E-06
                                                                                                                                                              4.256E-02
3.797E-02
                                0.000E+00
                                                5.897E-06
                                                                               3.470E-07
                                                                                               2.179E-07
                                                                                                               3.619E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     746
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                               2.907E-07
2.652E-07
2.437E-07
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                4.946E-06
                                                                                               1.829E-07
                                                                                                              3.035E-08
                                                                                                              2.606E-08
2.259E-08
2.013E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              3.482E-02
                                                                                               1.566E-07
               0.000E+00
0.000E+00
                                               4.235E-06
3.660E-06
     748
                                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              3.113E-02
2.724E-02
     749
                                0.000E+00
                                                                                               1.353E-07
                                                                                                                              0.000E+00
                                                                               2.211E-07
2.031E-07
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                3.258E-06
                                                               0.000E+00
                                                                                               1.204E-07
                                                               0.000E+00
0.000E+00
                                                                                                                                                              2.387E-02
2.106E-02
1.862E-02
                                                                                               1.092E-07
                                                                                                               1.827E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     751
752
               0.000E+00
0.000E+00
                                               2.955E-06
2.690E-06
                                0.000E+00
                                                                               1.886E-07
1.771E-07
1.690E-07
1.844E-07
                                                                                               9.943E-08
9.174E-08
                                0.000E+00
                                                                                                               1.665E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                               1.538E-08
                                                                                                                              0.000E+00
                0.000E+00
                                0.000E+00
                                                2.482E-06
                                                               0.000E+00
0.000E+00
                                                                                               8.646E-08
                                                                                                               1.447E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.650E-02
                                                2.332E-06
     754
                0.000E+00
                                0.000E+00
                                                                                                                                                              1.473E-02
1.327E-02
                                                2.338E-06
                                                               0.000E+00
                                                                                               8.964E-08
                                                                                                               1.460E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0 000E+00
                                0.000E+00
     755
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
     756
                                0.000E+00
                                                2.089E-06
                                                               0.000E+00
                                                                               1.497E-07
                                                                                               7.764E-08
                                                                                                               1.295E-08
                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                               1.817E-08
                                                                                                                                                              1.014E-02
                                                                                               1.197E-07
                                                2.781E-06
2.962E-06
                                                               0.000E+00
0.000E+00
                                                                               3.609E-07
3.852E-07
     757
                0.000E+00
                                0.000E+00
                                                                                               1.283E-07
                                                                                                               1.936E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.186E-02
                                0.000E+00
     758
                0 000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.392E-02
1.638E-02
                                                2.990E-06
                                                               0.000E+00
                                                                               3.880E-07
                                                                                               1.376E-07
                                                                                                               1.961E-08
                0.000E+00
                                0.000E+00
     759
                                                               0.000E+00
0.000E+00
                                                                               3.931E-07
4.214E-07
                                                                                               1.409E-07
1.563E-07
                                                                                                              2.043E-08
                0.000E+00
                                0.000E+00
                                                3.127E-06
                                                                                                                                                              1.899E-02
2.185E-02
2.474E-02
3.919E-02
                                                                                                               2.261E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     761
                0.000E+00
                                0.000E+00
                                                3.474E-06
                                                                               4.593E-07
6.714E-07
                0.000E+00
                                0.000E+00
                                                4.084E-06
                                                               0.000E+00
                                                                                               1.810E-07
                                                                                                               2.639E-08
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     762
                                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                0.000E+00
                                                5.975E-06
                                                               0.000E+00
                                                                                               2.408E-07
3.460E-07
                                                                                                               3.838E-08
5.393E-08
                                0.000E+00
     763
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                               9.558E-07
                0.000E+00
                                0.000E+00
                                                8.372E-06
                                                                                                                                                              6.935E-02
1.285E-01
                                0.000E+00
                                                1.253E-05
                                                                               1.423E-06
                                                                                               4.896E-07
                                                                                                               8.043E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
     765
                                                                                                                                              0.000E+00
                                                                                                                              0 000E+00
                0.000E+00
                                0.000E+00
                                                1.598E-05
                                                               0.000E+00
                                                                               1.832E-06
                                                                                               6.278E-07
                                                                                                               1.026E-07
     766
                                                                                               6.652E-07
6.516E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              1.715E-01
                                                                                                               1.089E-07
                                                                                                                               0.000E+00
                                                1.712E-05
1.715E-05
                                                               0.000E+00
                                                                               1.755E-06
     767
                0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                               1.677E-06
                                                                                                               1.086E-07
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.924E-01
                                0.000E+00
                0 000E+00
     768
                                                                               1.480E-06
1.365E-06
                                                                                                               1.028E-07
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.668E-01
                0.000E+00
                                0.000E+00
                                                1.630E-05
                                                               0.000E+00
                                                                                               6.314E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              1.372E-01
                                                                                                               9,602E-08
                                                               0.000E+00
                                                                                               6.034E-07
                0.000E+00
                                0.000E+00
                                                1 522E-05
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                   11/07/95
                                                                                                                                                 09:41:42
                                                                                                                                                               Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                0.000E+00
                                                                                                               9.511E-08
6.280E-08
5.114E-08
                                                                                                                                              0.000E+00
                                                                                                                                                              1.059E-01
                                                                               1.502E-06
7.897E-07
                                                                                               6.307E-07
3.768E-07
                                                                                                                              0.000E+00
     771
772
773
774
                                                               0.000E+00
                                                1.489E-05
                                                                                                                                                              8.541E-02
6.701E-02
                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
                                                1.007E-05
8.230E-06
                0.000E+00
                                                                               6.170E-07
4.754E-07
                                                                                               3.041E-07
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                0.000E+00
                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.293E-02
                                                                                                               4.300E-08
                0.000E+00
                                0.000E+00
                                                6.956E-06
                                                               0.000E+00
                                                                                               2.568E-07
                                                                                                                               0.000E+00
                                                                                                               3.631E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.270E-02
                0.000E+00
                                0.000E+00
                                                5.889E-06
                                                               0.000E+00
                                                                               3.815E-07
                                                                                               2.175E-07
                                                                                                                                              0.000E+00
                                                                                                               3.064E-08
                                                                                                                                                              3.447E-02
                                                4.971E-06
4.239E-06
                                                                               3.209E-07
                                                                                               1.840E-07
                                                                                                                               0.000E+00
     776
777
                                0.000E+00
0.000E+00
                                                               0.000E+00
                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              2.833E-02
2.545E-02
                                                               0.000E+00
                                                                               2.659E-07
                                                                                               1.573E-07
                                                                                                               2.610E-08
                                                                                                                               0.000E+00
                0.000E+00
     778
779
780
                                                3.708E-06
3.251E-06
2.890E-06
                0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                               2.257E-07
2.070E-07
                                                                                               1,378E-07
                                                                                                               2.280E-08
                                                                                                                               0.000E+00
                                                                                                                                                              2.461E-02
2.356E-02
2.174E-02
                                                                                                               2.003E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                               1.209E-07
                0.000E+00
                                0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                               1.952E-07
                                                                                               1.074E-07
                                                                                                               1.786E-08
                                                                                                                               0.000E+00
                                                                0.000E+00
                0.000E+00
                                                                               1.855E-07
1.726E-07
                                                                                                                               0.000E+00
                0.000E+00
                                0.000E+00
                                                2.626E-06
                                                                0.000E+00
                                                                                               9.756E-08
                                                                                                               1.627E-08
                                                                                                               1.486E-08
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.970E-02
                                                               0.000E+00
                                                                                               8.898E-08
                                                2.397E-06
     782
                0 000E+00
                                0.000E+00
```

8.314E-08

1.657E-07

1.385E-08

0.000E+00

0.000E+00

1-788E-02

0.000E+00

0.000E+00

2.229E-06

```
2.106E-07
1.452E-07
3.392E-07
                                                                                         9.512E-08
7.191E-08
1.132E-07
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                         1.635E-02
1.495E-02
                                         2.360E-06
                                                                                                         1.490E-08
1.203E-08
                                                                                                                         0.000E+00
                                                          0.000E+00
          0.000E+00
                          0.000E+00
784
                          0.000E+00
0.000E+00
                                          1.936E-06
2.561E-06
2.565E-06
                                                          0.000E+00
                                                                                                                         0.000E+00
785
          0.000E+00
                                                                                                                                                         9.809E-03
                                                                                                         1.679E-08
                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
786
                                                                                                                                                         1.145E-02
1.308E-02
                                                                          3.280E-07
                                                                                                         1.678E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
787
          0.000E+00
                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                         1.662E-08
                                          2.544E-06
                                                          0,000E+00
                                                                          3.241E-07
                                                                                          1.131E-07
                                                                                                                         0.000E+00
                          0.000E+00
788
          0.000E100
                                                                                          1.265E-07
                                                                                                                                                         1.436E-02
                                                                                                         1.864E-08
                                                                                                                         0.000E+00
                                                                         3.606E-07
                          0.000E+00
                                          2.855E-06
3.226E-06
                                                          0.000E+00
0.000E+00
189
                                                                                          1.478E-07
                                                                                                         2.096E-08
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.597E-02
1.711E-02
                          0.000E+00
0.000E+00
790
           0.000E+00
                                                                                                                                          0.000E+00
                                                                                          1.783E-07
2.455E-07
                                                                                                         2.797E-08
                                                                                                                         0-000E+00
                                                          0.000E+00
                                                                          4.981E-07
           0.000E+00
791
                                                                                                          3.775E-08
                                                                                                                                          0.000E+00
                                                                                                                                                         2.434E-02
                                                                          7.093E-07
                                                                                                                         0.000E+00
           0.000E+00
                          0.000E+00
                                          5.819E-06
                                                          0.000E+00
792
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         3.699E-02
6.374E-02
                                          8.044E-06
                                                          0.000E+00
                                                                          9.233E-07
                                                                                          3.291E-07
                                                                                                          5.180E-08
                                                                                                                         0.000E+00
                          0.000E+00
0.000E+00
           0.000E+00
                                                                                                                         0.000E+00
                                                                          1.321E-06
1.534E-06
                                                                                          4.472E-07
5.344E-07
                                           1.134E-05
                                                          0.000E+00
                                                                                                          7.295E-08
          0.000E+00
794
                                                                                                                         0.000E+00
                                                                                                          8.674E-08
                                                                                                                                          0.000E+00
                                                                                                                                                         1.002E-01
                                          1.351E-05
           0.000E+00
                          0.000E+00
                                                          0.000E+00
795
                                                                                                                                                         1.263E-01
1.393E-01
                                                                                                                                         0.000E+00
0.000E+00
                                          1.411E-05
                                                                          1.451E-06
                                                                                          5.506E-07
                                                                                                          8.983E-08
                                                                                                                         0.000E+00
                                                          0.000E+00
           0.000E+00
                          0.000E+00
0.000E+00
796
                                          1.394E-05
1.343E-05
1.280E-05
                                                                         1.350E-06
1.268E-06
1.148E-06
                                                                                          5.327E-07
5.146E-07
                                                                                                                         0.000E+00
                                                          0.000E+00
                                                                                                         8.825E-08
797
798
          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.263E-01
                                                          0.000E+00
                          0.000E+00
                                                                                                                                                         1.094E-01
8.726E-02
                                                          0.000E+00
                                                                                          4.995E-07
                                                                                                         8.068E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                          0.000E+00
 799
           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                          1.002E-06
8.053E-07
6.464E-07
                                                                                          4.431E-07
3.612E-07
2.945E-07
                          0.000E+00
                                           1.139E-05
                                                          0.000E+00
                                                                                                          7.168E-08
          0.000E+00
0.000E+00
800
                                                                                                          5.955E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         7.398E-02
                                          9.497E-06
7.841E-06
                                                          0.000E+00
0.000E+00
                           0.000E+00
801
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         6.321E-02
5.198E-02
                                                                                                          4.904E-08
                                                                                                                         0.000E+00
                          0.000E+00
0.000E+00
           0.000E+00
802
                                                                                          2.463E-07
2.141E-07
                                                                                                                         0.000E+00
          0.000E+00
0.000E+00
                                           6.628E-06
                                                          0.000E+00
                                                                          5.098E-07
                                                                                                          4.126E-08
803
                                                                          4.209E-07
3.317E-07
                                                                                                                                                         4.255E-02
3.595E-02
3.092E-02
                                                                                                          3.582E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                          0.000E+00
0.000E+00
                           0.000E+00
                                           5.773E-06
804
                                           4.957E-06
                                                                                          1.838E-07
                                                                                                          3.062E-08
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
805
           0.000E+00
                           0.000E+00
                                                                                                         2.633E-08
2.275E-08
                                                                                                                                          0.000E+00
                                                                          2.777E-07
2.447E-07
                                                                                                                          0.000E+00
                                                                                          1.582E-07
                           0.000E+00
                                           4.269E-06
                                                          0.000E+00
806
           0.000E+00
                                                                                          1.369E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.610E-02
                                          3.685E-06
                                                          0.000E+00
           0.000E+00
                           0.000E+00
807
                                                                                                                                          0.000E+00
                                                                                                                                                         2.113E-02
1.819E-02
                                           3.290E-06
                                                           0.000E+00
                                                                          2.154E-07
                                                                                          1.225E-07
                                                                                                         2.030E-08
1.799E-08
                                                                                                                          0:000E+00
                           0.000E+00
808
           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                           0.000E+00
                                           2.920E-06
                                                           0.000E+00
                                                                          1.864E-07
1.704E-07
                                                                                          1.088E-07
           0.000E+00
809
                                                                                                                                                         1.759E-02
1.779E-02
1.746E-02
                                                                                                          1.612E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                          2.612E-06
2.390E-06
                                                           0.000E+00
 810
           0.000E+00
                           0.000E+00
                                                                          1.623E-07
1.557E-07
1.492E-07
                                                                                                                                          0.000E+00
                                                                                                          1.478E-08
1.363E-08
                           0.000E+00
                                                           0.000E+00
                                                                                          8.916E-08
                                                                                                                          0.000E+00
           0.000E+00
 811
                                                                                                                                          0.000E+00
                                                                                          8.199E-08
7.541E-08
                                                                                                                          0.000E+00
                                           2.199E-06
                                                           0.000E+00
           0.000E+00
                           0.000E+00
812
                                                                                                          1.256E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.644E-02
           0.000E+00
                                                           0.000E+00
                                          2.023E-06
 813
                           0.000E+00
                                           1.859E-06
                                                                          1.412E-07
                                                                                          6.930E-08
                                                                                                          1.157E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         1.513E-02
                           0.000E+00
814
           0.000E+00
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

SEPTOR	Гb	Mn	Hg	Ni	NAPTH	РАН	PROPL	Se	TOL	XYLEN
1 2 3 4 5 6 7 8 9 10	3.099E-06 2.916E-06 4.905E-06 4.905E-06 4.403E-06 3.411E-06 3.743E-06 3.743E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	4.738E-07 4.763E-07 7.730E-07 7.730E-07 7.684E-07 6.946E-07 5.401E-07 5.630E-07 5.876E-07 9.597E-07 2.754E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
12 13 14 15 16 17 18 19 20 21	7.208E-06 5.755E-06 5.875E-06 5.935E-06 6.839E-06 2.064E-06 3.514E-06 3.900E-06 5.055E-06 3.128E-06 3.033E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.145E-06 8.475E-07 8.623E-07 8.657E-07 9.870E-07 3.246E-07 5.435E-07 7.769E-07 4.575E-07 4.414E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
23 24 25 26 27 28 29 30 31 32	2.905E-06 2.750E-06 2.580E-06 2.940E-06 2.791E-06 2.750E-06 2.787E-06 2.965E-06 3.179E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	4.214E-07 3.987E-07 3.730E-07 4.268E-07 4.021E-07 3.648E-07 4.288E-07 4.6620E-07 5.029E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
33 34 35 36 37 38 39 40 41	3.222E-06 2.949E-06 3.673E-06 4.481E-06 6.425E-06 6.255E-06 6.185E-06 7.610E-06 6.43E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	4.667E-07 4.223E-07 5.298E-07 6.557E-07 9.576E-07 9.265E-07 8.986E-07 9.469E-07 1.118E-06 9.576E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 140

43 444 45 467 489 551 551 552 553 554 555 561 663 664 666 667 669 701 777 777 777 777 777 777 777 777 777	6.374E-06 4.730E-06 6.375E-06 6.375E-06 8.049E-06 9.054E-06 8.654E-06 6.7879E-06 6.722E-06 6.722E-06 6.722E-06 6.722E-06 3.672E-06 3.672E-06 3.672E-06 3.583E-06 3.583E-06 3.583E-06 3.855E-06 3.855E-06 6.722E-06 6.142E-06 6.142E-06 6.142E-06 1.132E-05 1.545E-05 1.545E-05 1.545E-06 6.772E-06 8.097E-06 8.097E-06 8.097E-06 1.132E-05 1.545E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 6.775E-06 7.835E-06 6.775E-06 7.835E-06 6.775E-06 6.775E-06	0.000E+00	0.000E+00 0.000E+00	9.382E-07 7.008E-07 9.424E-07 9.424E-07 9.424E-07 9.424E-06 1.287E 06 1.251E-06 1.217E-06 1.192E-06 1.32E-06 8.810E-07 7.658E-07 6.129E-07 5.590E-07 5.467E-07 5.467E-07 7.131E-07 8.046E-07 7.131E-07 8.046E-07 7.131E-07 8.132E-06 1.264E-06 1.264E-06 1.264E-06 1.264E-06 1.264E-06 1.264E-06 1.337E-06 1.158E-06 1.158E-06 1.158E-06 1.337E-06 1.417E-06 1.417E-06 1.337E-06 1.417E-06 1.337E-06 1.417E-06 1.337E-06 1.417E-06 1.337E-06 1.368E-06 1.368E-06 1.368E-06 1.368E-06 1.368E-07 9.377E-07 9.377E-07 9.377E-07 1.227E-06 1.258E-06 1.258E-06 1.258E-06 1.258E-06	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
95 Input File: 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 123 124 125 126 127 128 129 130 131 132 133 134 135	8:\ace\GQ91 8.189E-06 9.933E-06 9.933E-06 1.263E-05 1.616E-05 1.301E-05 9.419E-06 8.762E-06 8.762E-06 8.762E-06 8.762E-06 1.075E-05 1.377E-05 1.0753E-05 1.246E-05 1.246E-05 1.246E-05 1.244E-05 1.246E-05	CGQFACE .DAT C.000E+00	0.000E+00 0.000E+00	1.324E-06 1.362E-06 1.362E-06 1.615E-06 2.030E-06 2.064E-06 1.601E-06 1.601E-06 1.38EE-06 1.38EE-06 1.376E-06 1.38EE-06 2.052E-06 1.376E-06 2.464E-06 2.464E-06 2.952E-06 3.784E-06 2.464E-06 2.464E-06 2.464E-06 2.464E-06 3.784E-06	g:\ace\GQ91\ 0.000E+00		0.000E+00	11/07/93 0.000E+00		Page - 141 0.000E+00

```
0 000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                             0,000E+00
                                                           3.878E-06
                                                                          0.000E+00
                                                                                                                       0 000E+00
              2.524E-05
2.519E-05
    136
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                           4.010E-06
3.691E-06
                                                                          0 000E+00
    137
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                          0.000E+00
     138
              2.299E-05
2.793E-05
                             0.000E+00
                                             0 000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                        0 000E+00
                                             0.000E+00
                                                            4.406E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                             0.000E+00
    139
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                                      0.000E100
                                                                                                                                                     0.000E+00
                                                           3.920E-06
4.313E-06
              2.488E-05
                              0.000E+00
                                             0.000E+00
                                                                          0.000E+00
    140
                                                                          0.000E+00
                                                                                         0.000E100
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
     141
              2.810E-05
                             O BOOLETOO
                                                                                                                        0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            2.934E-06
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
              1.882E-05
    142
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                            2.080E-06
              1.311E-05
                              0.000E+00
                                             0.000E+00
    143
                                                                                         0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
                                                            2.025E-06
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                          0.000E+00
              1.310E-05
1.054E-05
    144
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.683E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                        0 000E+00
                                                                          0 000E+00
              9.527E-06
                              0.000E+00
                                             0.000E+00
                                                           1.546E-06
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                       OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                    VERS. 93288
                                                                                                                           11/07/95
                                                                                                                                                      Page -
                                                                                                                                         09:41:42
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
              8.794E-06
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
              8.332E-06
7.262E-06
                                             0.000E+00
0.000E+00
                                                           1.359E-06
1.184E-06
                              0.000E+00
    148
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                        0 000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.036E-06
              6.352E-06
    150
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
              6.677E-06
7.182E-06
                                                            1.088E-06
     151
                              0.000E+00
                                             0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                            1.159E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                              0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            1.000E-06
                                                                           0.000E+00
                                                                                          0.000E+00
     153
              6.182E-06
5.538E-06
                                                                                                                                                     0.000E+00
0.000E+00
                                                            8.941E-07
8.131E-07
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                             0.000E+00
     154
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
               5.049E-06
     155
                                                                                                                                                     0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            9.081E-07
9.938E-07
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
               5.754E-06
     156
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
     157
               6.407E-06
                              0.000E+00
                                             0.000E+00
                                                            9.403E-07
8.977E-07
7.939E-07
                                                                                                        0.000E+00
0.000E+00
              6.002E-06
5.730E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
     158
                              0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     159
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                           0.000E+00
               5.016E-06
                              0.000E+00
                                             0.000E+00
     160
                                                                                                                                       0.000E+00
                                                            7.520E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                             0.000E+00
              4.781E-06
5.301E-06
                              0.000E+00
     161
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            8.321E-07
9.571E-07
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     162
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
               6.139E-06
                              0 000E+00
                                             0 000E+00
     163
                                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                            1.193E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
              7.828E-06
8.987E-06
                              0.000E+00
                                             0.000E+00
     164
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                              0.000E+00
                                                            1.366E-06
1.291E-06
                                                                                          0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     165
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               8.604E-06
                              0.000E+00
                                             0.000E+00
     166
                                             0.000E+00
                                                            1.015E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                              0.000E+00
     167
               6.768E-06
5.208E-06
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
0.000E+00
                                             0.000E+00
                                                            7.898E-07
                                                                                          0.000E+00
                              0.000E+00
     168
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                            6.643E-07
               4.389E-06
                              0.000E+00
                                             0 000E+00
                                                            6.866E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
               4.536E-06
4.765E-06
                                             0.000E+00
                              0 000E+00
     170
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            7.183E-07
7.288E-07
                                                                           0.000E+00
                                                                                          0.000E+00
     171
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               4.855E-06
                              0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                            7.230E-07
                                                                           0.000E+00
                                                                                                         0.000E+00
               4.833E-06
5.645E-06
                              0.000E+00
                                             0.000E+00
     173
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                            8.538E-07
                                                                           0.000E+00
     174
                                                            1.016E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     175
               6.647E-06
                              0 000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                            1.306E-06
                                                                           0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
               8,446E-06
     176
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            1.497E-06
1.393E-06
                                                                           0.000E+00
               9.735E-06
                              0.000E+00
                                             0.000E+00
     177
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                      0.000E+00
                                             0 000E+00
               9.197E-06
                              0.000E+00
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            1.533E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               1,004E-05
     179
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                           0 000E+00
               1.173E-05
                                             0.000E+00
                                                            1.813E-06
1.994E-06
     180
                              0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                      0.000E+00
               1.289E-05
                              0.000E+00
                                             0 000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
0.000E+00
                                                            1.492E-06
                                                                                          0.000E+00
                                                                                                         0 000E+00
                              0.000E+00
                                             0.000E+00
               9.696E-06
     182
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            1.089E-06
8.140E-07
               7.166E-06
                              0.000E+00
                                             0.000E+00
     183
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
               5.466E-06
                              0_000E+00
                                             0.000E+00
     184
                                                                                                                                                      0.000E+00
                                                            6.766E-07
6.968E-07
6.960E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
                                             0.000E+00
               4.605E-06
     185
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
0.000E+00
                                                                           0.000E+00
               4.715E-06
                              0.000E+00
     186
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     187
               4.687E-06
                              0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                            7.105E-07
7.230E-07
6.355E-07
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               4 754E-06
     188
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
     189
               4.833E-06
                              0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               4.276E-06
                              0.000E+00
                                             0.000E+00
     190
                                                            5.678E-07
                                                                                                                        0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0 000E+00
                              0.000E+00
     191
               3 852E-06
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            5.095E-07
3.160E-06
                                                                           0.000E+00
0.000E+00
                                             0.000E+00
               3.482E-06
                              0.000E+00
     192
                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
               1.995E-05
                              0.000E+00
                                             0.000E+00
                                                            2.866E-06
2.724E-06
2.668E-06
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0 000E+00
                                                                                                                        0.000E+00
                              0.000E+00
               1.785E-05
     194
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
               1.679E-05
                              0.000E+00
                                             0.000E+00
     195
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
               1.642E-05
                              0.000E+00
                                             0.000E+00
     196
                                                                                                         0.000E+00
0.000E+00
                                             0.000E+00
                                                            2.653E-06
                                                                           0.000E+00
                                                                                          0 000E+00
                                                                                                                        0.000E+00
               1.645E-05
                              0.000E+00
     197
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
               1.627E-05
                                             0.000E+00
                                                            2.599E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 143
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                          Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                      0.000E+00
                                                            2.573E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
               1.633E-05
                              0.000E \pm 00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                            2.596E-06
2.398E-06
2.238E-06
                                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
               1.673E-05
1.544E-05
     200
                                                                                                                                       0.000E+00
     201
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
     202
               1.444E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            2.224E-06
                                                                           0.000E+00
                                                                                                         0 000E+00
               1.453E-05
     203
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                           0.000E+00
     204
               2.280E-05
                              0.000E+00
                                             0.000E+00
                                                            3.610E-06
                                                                                                                                       0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
0.000E+00
                                                            3.268E-06
                                                                           0.000E+00
                              0.000E+00
0.000E+00
     205
               2.032E-05
                                                                                                                                                      0.000E+00
                                                            3.161E-06
3.173E-06
3.073E-06
                                                                                          0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                           0.000E+00
                                                                                                         0...000E+00
               1.947E-05
     206
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                           0.000E+00
               1.957E-05
                              0.000E+00
                                             0.000E+00
     207
                                                                                                                                       0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
               1.913E-05
                              0.000E+00
                                             0:000E+00
     208
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            2.993E-06
                                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               1.892E-05
     209
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            3.109E-06
3.448E-06
2.719E-06
               2.009E-05
                              0.000E+00
                                             0.000E+00
                                                                           0 000E+00
     210
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
     211
               2.276E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     212
               1.772E-05
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             2.452E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0-000E+00
               1.595E-05
     213
                                                                           0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                            2.497E-06
               1.648E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                             4.021E-06
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
     215
               2.520E-05
                              0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                                             3.680E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               2.285E-05
                                             0.000E+00
     216
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     \bar{2}\bar{1}\bar{7}
                                                            3.695E-06
3.864E-06
                                                                                          0.000E+00
               2.287E-05
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                             0.000E+00
     218
               2.403E-05
2.348E-05
                              0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             3.722E-06
                                                                            0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
     219
220
                                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                             3.565E 06
                                                                                                         0.000E+00
               2.286E-05
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                            4.285E-06
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                          0.000E+00
               2.842E-05
2.775E-05
1.986E-05
     221
                              0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
                                                             4.159E-06
                                                                            0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                              0.000E+00
     222
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                            3.029E-06
2.747E-06
                                                                                          0 000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0 000E+00
```

1.806E-05

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
2.053E-05
2.217E-05
                                                        3.065E-06
3.354E-06
                                                                      0.000E+00
                                                                                    0,000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                           0.000E+00
0.000E+00
                                          0=000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
                                                                      0.000E+00
    226
227
              2,102E-05
                            0.000E+00
                                          0.000E+00
                                                        3.164E-06
                                                                      0.000E+00
                                                                                                                               0.000E+00
                                                        4,117E-06
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0,000E+00
                                                                                                                                             0.000E+0D
                                          0.000E+00
    228
             2.805E-05
                            0 000E+00
                                                                      0.000E+00
             2.364E-05
2.362E-05
                            0.000E+00
                                          0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    229
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                    0.000E+00
                            0.000E+00
                                          0.0008+00
                                                        3.535E-06
4.497E-06
                                                                      0.000E+00
                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
                                                                                     0.000E+00
    231
             3.069E-05
                            0.000E+00
             2.917E-05
                            0.000E+00
                                          0.000E+00
                                                        4.344E-06
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                 0.000E+00
                                                        3.584E-06
3.787E-06
                                                                                    0.000E±00
                                                                                                   0.000E+00
             2.386E-05
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
    233
                                          0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
             2.546E-05
    234
                            0.000E+00
              4.037E-05
                                                                                                   0.000E+00
0.000E+00
                            0.000E+00
                                          0.000E+00
                                                        5.920E-06
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    235
                                                                                                                               0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                             0.000E+00
              2.772E-05
                            0.000E+00
                                          0.000E+00
                                                        4.142E-06
    236
                                                        4.209E-06
                                                                      0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
             2.836E-05
3.404E-05
                            0.000E+00
    237
                            0.000E+00
                                          0.000E+00
                                                        5.048E-06
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0 000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    238
                                                                                                   0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
              3.117E-05
                            0.0D0E+00
                                          0.000E+00
                                                        4.624E-06
                                                                      0.000E+00
                                          0.000E+00
                                                        6.092E-06
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.000E+00
    240
              4.129E-05
                                                        5.354E-06
6.992E-06
5.714E-06
                                                                                                   0.000E+00
0.000E+00
              3.625E-05
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.005+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    241
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                      0.000E+00
    242
              4.752E-05
                            0.000E+00
                                          0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+D0
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
              3 866E-05
    243
                                                        6.554E-06
4.982E-06
2.199E-07
                                                                                                                               0.000E+00
    244
              4.417E-05
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                                             0.000E+00
             3.311E-05
1.532E-06
                                                                      0.000E+00
                            0.000E+00
                                          0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0,000E+00
                                                                                                                               0.00000000
                                                                                                                                             0.000E+00
    246
247
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                        2.462E-07
2.727E-07
                                                                      0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
              1.707E-06
                            0.000E+00
                                          0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
              1.889E-06
                            0.000E+DD
    248
                            0.000E+00
                                                         2.467E-07
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.00000+00
                                                                                                                                             0.0005+00
              1.690E-06
                                          0.000E+00
    249
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
              1.580E-06
                            0.000E+00
                                          0.000E+00
                                                        2.352E-07
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                 OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS,
                                                                     1991 MET,
                                                                                PM10
                                                                                                                                            VERS. 93288 #
                                                      Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                     11/07/95
Input File: g:\ace\GQ91\GQFACE.DAT
                                                                                                                                  09:41:42
                                                                                                                                               Page - 144
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                   0.000E+00
                                                                                                                               0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                                                              0.000E+00
              1.663E-06
                                                        2.530E-07
2.530E-07
2.650E-07
2.598E-07
2.612E-07
2.640E-07
                                                                                                                               0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
    252
              1.650E-06
                            D.000E+00
                                          0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
    253
254
              1.719E-06
1.665E-06
                                          0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                     0 000E+00
    255
              1.666E-06
                            0.000E+00
                                          0 000E+00
                                                                      0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0,000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.D00E+00
    256
              1.680E-06
              1.649E-06
                            0.000E+00
                                          0.000E+00
                                                         2.612E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 O.DODE+DD
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                        2.517E-07
2.346E-07
    258
                                                                       0.000E+00
              1.583E-06
                            0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.DD0E+00
              1.467E-06
    259
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                 0.000E+00
              1.311E-06
                            0.000E+00
                                          0.000E+00
                                                         2.107E-07
                                                                      0.000E+00
                                                                                     0 000E+00
                                                                                                   0.000E+00
    260
                                                                       0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                        1.910E-07
1.778E-07
              1.190E-06
                            0.000E+00
                                          0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
              1.107E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
    262
                                                                                                                               0.000E+00
              1.127E-06
                            0.000E+00
                                          0.000E+00
                                                         1.801E-07
                                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    263
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    264
              1.239E-06
1.384E-06
                            0.000E+00
                                          0.000E+00
                                                        1.958E-07
2.165E-07
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                            0.000E+00
    265
                                                        2.467E-07
2.694E-07
                                                                                     0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.600E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    266
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
              1.763E-06
1.862E-06
    267
                            0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                         2.819E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              D.DDDE+00
                            0.000E+00
    268
                                                        2.771E-07
2.704E-07
                                                                                                                               0.0002+00
                                                                                                                                             n nnnk+on
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0 0008+00
                                                                                                                 0.000E+00
              1.840E-06
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                                       0.000E+00
                                                                                                                                0.000E+00
    270
              1.804E-06
                            0.000E+00
                                          0.000E+00
              1.814E-06
                            0.000E+00
                                          0.000E+00
                                                         2.696E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
    271
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.621E-06
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.408E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
    273
              1.334E-06
                            0 000E+00
                                          0.000E+00
                                                         1.994E-07
              1.149E-06
                                                         1.725E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                          0.000E+00
    274
                                                         1.708E-07
                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.169E-06
                                          0.00DE+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                         1.894E-07
    276
              1.294E-06
                            0.000E+00
                                          0.000E+00
                                                         2.045E-07
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
              1.387E-06
    277
                                                                                                   0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.171E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                 0.000E+00
    278
                                                                                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.543E-06
1.645E-06
                                                        2.314E-07
2.494E-07
                                                                       0.000E+00
                                                                                                   0.000E+00
    279
                            0.000E+00
                                          0.000E+00
                            0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                             0.000E+00
                                          0.000E+00
    280
                                                                                                                                              0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
     281
              1.744E-06
                            0.000E+00
                                          0.000E+00
                                                         2.681E-07
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                         2,812E-07
    282
              1.817E-06
                            0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                         2.817E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
              1.796E-06
    283
              1.854E-06
                            0.000E+00
                                          0.000E+00
                                                         2.910E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0 000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
    284
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                                                                   0.000E+00
                                          0.000E+00
0.000E+00
                                                                                     0.000E+00
    285
              1.859E-06
                            0.000E+00
                                                         2.928E-07
                                                                       0.000E+00
                                                         2.904E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.830E-06
1.745E-06
                            0.000E+00
    286
                                          0.000E+00
                                                         2.778E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.0008+00
                                                                                                                                              0.000E+00
                            0.000E+00
    287
                                                                                                                               0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                         2.552E-07
2.271E-07
                                                                                                   0.000E+00
              1.591E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.412E-06
1.296E-06
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    289
                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.083E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0 000E+00
                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
    290
                                                                                                                                              0.000E+00
                                                                                                                 0.000E+00
                                                         1.990E-07
2.114E-07
                                                                                                   0.000E+00
              1.237E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
    292
              1.330E-06
                            0.000E+00
                                                         2.328E-07
2.568E-07
2.754E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
              1.479E-06
                            0.000E+00
                                           0.000E+00
     293
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
              1.652E-06
1.784E-06
                                                                                                   0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                     0 000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
    295
                            0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.863E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
     296
              1.871E-06
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
     297
              1.858E-06
                            0.000E+00
                                          0 000E+00
                                                         2.825E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                   0 000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                         2.636E-07
                                                                                                   0.000E+00
                                          0.000E+00
    298
              1.736E-06
                            0.000E+00
                                                         2.454E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.623E-06
                            0.000E+00
                                           0.000E+00
    299
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
              1.463E-06
                            0.000E+00
                                          0.000E+00
                                                         2.208E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
     300
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
                                                         1.993E-07
                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
              1.322E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                              0.000E+00
                                          0.000E+00
                                                         1.760E-07
              1.165E-06
                            0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                  OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 145
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                               Page -
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.036E-06
                            0.000E+00
0.000E+00
                                          0.000E+00
                                                         1.566E-07
1.721E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
              1.171E-06
1.263E-06
    304
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                         1.854E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
    305
                            0.000E+00
              1.384E-06
                            0.000E+00
                                          0.000E+00
                                                         2.045E-07
2.251E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                 0.000E+00
     306
                                                                       0.000E+00
                                                                                                                                              0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                          0.000E+00
              1.515E-06
1.638E-06
    307
                            0.000E+00
                                           0.000E+00
                                                         2.452E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    308
                            0.000E+00
                                                                                                                                              0.000E+00
                                                         2.634E 07
2.898E-07
                                                                       0.000E100
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
     309
              1.739E-06
                            0.000E+00
                                          0.000E100
                                                                                     0.000E+00
                                                                                                   0.000E+00
              1.889E-06
2.005E-06
                                                                                                                  0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
    310
311
                                          0.000E+00
                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         3.100E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
    312
              2,017E-06
                            0.000E+00
                                          0.00DE+00
                                                         3 165E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0 000E+00

2 082E-06

3.272E-07

```
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.286E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
             2.082E-06
2.056E-06
    314
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                      0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          3.267E-07
3.089E-07
                                                                        0.000E+00
    315
                                                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
              1.937E-06
1.740E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
                                                          2.795E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.00E+00
                                           0.000E+00
                            0 000E+00
    317
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
                                                          2.494E-07
                                                                        0.000E+00
                                                                                       0.000E+00
              1.550E-06
                            0.000E+00
    318
                                                                                                                    0.000E100
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E100
              1.434E-06
                            0.000E+00
                                           U DUOETOO
                                                          2.311E-07
                                                                                                                                                 0.000E+00
                                                          2.317E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
                                           0.000E+00
              1.445E-06
1.600E-06
    320
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.533E-07
2.775E-07
                                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    321
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
    322
              1.774E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2.970E-07
                                                                        0.000E+00
                                                                                                                    0.000E+00
              1.913E-06
    323
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              1.977E-06
                            0.000E+00
                                           0.000E+00
                                                          3.047E-07
                                                                        0 000E+00
    324
                                                          2.936E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0 000E+00
    325
              1.914E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                          2.743E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
              1.792E-06
    326
                                                                                                                                   0.000E+00
                                                          2.485E-07
2.231E-07
1.958E-07
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                                                                       0.000E+00
0.000E+00
              1.628E-06
                                           0.000E+00
                                                                        0.000E+00
    327
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
              1.465E-06
                            0.000E+00
                                           0 000E+00
    328
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                            0.000E+00
                                           0.000E+00
    329
              1.284E-06
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
              1.139E-06
                            0.000E+00
                                           0.000E+00
                                                          1.737E-07
                                                                        0.000E+00
    330
                                                          1.573E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              1.033E-06
9.296E-07
1.195E-06
                                           0.000E+00
                            0.000E+00
    331
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          1.417E-07
1.752E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0 000E+00
                            0.000E+00
                                                                                                      0.000E+00
    332
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
    333
                            0.000E+00
                                           0.000E+00
                                                          1.965E-07
2.118E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
    334
              1,337E-06
                            0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
    335
              1 439E-06
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
0.000E+00
                                                          2.358E-07
                                                                        0.000E+00
                             0.000E+00
    336
              1.591E-06
                                                          2.624E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
    337
              1,758E-06
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2.868E-07
                                                                        0.000E+00
                                                                                                      0.000E+00
0.000E+00
              1,903E-06
2,064E-06
    338
339
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.156E-07
3.437E-07
3.579E-07
                             0.000E+00
                                           0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              2.225E-06
2.281E-06
    340
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
    341
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
              2,358E-06
2,378E-06
2,332E-06
                                                          3.711E-07
3.760E-07
                                                                        0.000E+00
                             0.000E+00
                                           0.000E+00
    342
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
    343
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          3.710E-07
    344
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3 455E-07
              2.161E-06
                             0 000E+00
                                           0.000E+00
     345
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          3.079E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
              1.913E-06
1.732E-06
                             0 000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                                          2.791E-07
                                           0.000E+00
                                                                         0.000E+00
    347
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.642E-07
              1.636E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          2.798E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              1.754E-06
1.947E-06
                             0.000E+00
     349
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
                                                          3.065E-07
                                                                         0.000E+00
                             0.000E+00
    350
                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.107E-06
2.171E-06
2.087E-06
                                                          3.285E-07
                             0.000E+00
                                           0.000E+00
     351
                                                          3.362E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
     352
                             0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          3.217E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
     353
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
              1.902E-06
                             0.000E+00
                                           0.000E+00
                                                          2.931E-07
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                 VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                       1991 MET.
                                                                                   PM10
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                    0.000E+00
                                           0.000E+00
0.000E+00
0.000E100
                                                          2.618E-07
2.319E-07
2.029E-07
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              1.702E-06
1.510E-06
1.321E-06
                                                                                       0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
     3.57
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
              1.163E-06
                             0.000E+00
                                           0.000E+00
                                                          1.787E-07
1.602E-07
                                                                         0.000E+00
     358
                                                                                                                                                 0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              1.044E-06
                             0.000E+00
                                           0.000E+00
                                                          1.436E-07
1.307E-07
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                                      0 000E+00
              9.362E-07
                             0.000E+00
                                           0.000E+00
     360
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
     361
              8.533E-07
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          1.800E-07
                                                                         0.000E+00
              1.231E-06
1.373E-06
                             0.000E+00
                                           0.000E+00
                                                          2.014E-07
2.257E-07
2.459E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
     363
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.536E-06
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
     364
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                           0.000E+00
              1.663E-06
                             0.000E+00
                                                                                                                                   0.000E+00
              1.869E-06
2.077E-06
                             0.000E+00
                                            0.000E+00
                                                          2.779E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     366
367
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                          3.118E-07
3.471E-07
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
              2.280E-06
                             0.000E+00
                                            0.000E+00
              2.472E-06
2.601E-06
2.696E-06
                                                          3.816E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
     369
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                          4.076E-07
                                                                         0.000E+00
                                                                                       0_000E+00
                             0.000E+00
     370
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                          4.246E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.327E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
     372
              2.729E-06
2.659E-06
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.239E-07
                                                                         0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
     373
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.887E-07
3.469E-07
                                                                         0.000E+00
              2.425E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                            0.000E+00
              2.150E-06
1.965E-06
     375
                             0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          3.176E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
     376
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
              1.971E-06
                             0.000E+00
                                            0.000E+00
                                                          3.173E-07
                                                          3.432E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     378
              2.163E-06
2.349E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                          3.682E-07
                                                                         0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     379
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
               2.432E-06
                             0.000E+00
                                            0.000E+00
                                                          3.779E-07
                                                                         0.000E+00
     380
                                                          3.630E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     381
              2.347E-06
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.281E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                            0.000E+00
              2.123E-06
                             0.000E+00
     382
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                       0.000E+00
              1.867E-06
                             0.000E+00
                                            0.000E+00
                                                          2.884E-07
                                                                         0.000E+00
     383
                                                          2.499E-07
2.153E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
              1.618E-06
                             0.000E+00
                                            0 0D0E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
              1.393E-06
     385
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
              1.221E-06
                             0.000E+00
                                            0.000E+00
                                                          1.886E-07
     386
                                                                                                                                   0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.665E-07
              1.080E-06
                             0.000E+00
                                            0 000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                          1.481E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
     388
              9.614E-07
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                        0.000E+00
              8.693E-07
                             0.000E+00
                                            0.000E+00
                                                          1.337E-07
                                                                         0.000E+00
     389
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                          1.204E-07
              7.845E-07
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                          1.875E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
     391
              1.287E-06
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.071E-07
2.337E-07
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
              1.415E-06
                             0.000E+00
     392
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.590E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          2.638E-07
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
     394
              1.793E-06
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
0.000E+00
               1,989E-06
                             0.000E+00
                                            0.000E+00
                                                           2.954E-07
                                                                                        0.000E+00
                                                                                                      0 000E+00
     395
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                        0.000E+00
              2.250E-06
                             0.000E+00
                                            0.000E+00
                                                          3 363E-07
                                                           3.803E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
     397
              2.511E-06
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           4.294E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
              2.788E-06
                             0.000E+00
     398
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                           4.690E-07
4.937E-07
                                                                         0.000E+00
               3.000E-06
                             0.000E+00
                                            0.000E+00
     399
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
     400
              3 131E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
     401
               3.194E-06
                             0.000E+00
                                            0.000E+00
                                                           5.077E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
               3.085E-06
                             0.000E+00
                                            0.000E100
                                                           4.926E-07
4.449E-07
                                                                         0.000E+00
     402
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
     403
              2.768E-06
                             0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                           4.030E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     404
              2.494E-06
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
               2.324E-06
                             0.000E+00
                                            0.000E+00
                                                           3.769E-07
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0 000E+00
                                                           3.931E-07
                                                                         0.000E+00
                                                                                        0.000E+00
     406
               2.457E-06
                             0.000E+00
                                            0.000E+00
```

GOLDEN QUEEN Input File:	MINING - S g:\ace\GQ91	OLEDAD MTN P \GQPACE.DAT	ROJECT - ALL O	RECEPTORS, utput File:	1991 MET, PM g:\ace\GQ91\	10 * GQPACE.OUT	OUTPUT OF AM	MI/SBCAPCD AC 11/07/95		VERS. 93288 * Page - 147
407 408 409 410 411 412 413 414	8:\ace\GQ91 2.672E-06 2.786E-06 2.786E-06 2.397E-06 1.512E-06 1.512E-06 1.304E-06 1.304E-06 1.36E-06 1.006E-07 7.909E-07 6.898E-07 1.348E-06 1.496E-06 1.675E-06 1.804E-06 2.120E-06 2.120E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.504E-06 3.722E-06 3.504E-06	0.000E+00	0.000E+00 0.000E+00	4.211E-07 4.347E-07 4.347E-07 3.719E-07 3.231E-07 2.346E-07 2.346E-07 1.757E-07 1.554E-07 1.354E-07 1.219E-07 1.219E-07 2.453E-07 2.179E-07 2.179E-07 2.179E-07 2.179E-07 2.1453E-07 2.168E-07 4.168E-07 4.848E-07 5.812E-07 1.637E-07 1.696E-07 4.696E-07 4.696E-07 4.696E-07 4.696E-07 4.696E-07 4.696E-07 1.637E-07 1.637E-07 1.865E-07 1.637E-07 1.228E-07 1.228E-07 1.255E-07 1.255E-07 1.255E-07	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
453 454 455 456 457 458	2.291E-06 2.601E-06 3.040E-06 3.604E-06 4.167E-06 4.508E-06	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	3.375E-07 3.866E-07 4.565E-07 5.503E-07 6.470E-07 7.142E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
GOLDEN QUEEN Input File:	N MINING - S g:\ace\GQ91	SOLEDAD MTN I L\GQPACE.DAT	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, Pt g:\ace\GQ91		OUTPUT OF A	11/07/95	5 09:41:42	_
459 460 461 462 463 464 465 467 468 469 470 471 472 473 475 476 477 478 479 480 481 482 483 484 485 486 487 491 492 493 494 496	4.722E-06 4.405E-06 4.001E-06 3.677E-06 3.745E-06 3.745E-06 3.720E-06 3.720E-06 2.74E-06 2.243E-06 1.519E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 1.294E-06 2.343E-07 6.121E-07 5.576E-07 6.121E-07 1.599E-06 1.815E-06 1.815E-06 2.409E-06 2.865E-06 2.146E-06 3.362E-06 4.078E-06 5.114E-06 4.857E-06 4.857E-06 3.937E-06 2.596E-06 2.596E-06 2.596E-06 2.596E-06 2.596E-06 2.596E-06	0.000E+00	0.000E+00	7.547E-07 7.073E-07 6.487E-07 6.98E-07 6.011E-07 6.080E-07 5.811E-07 5.811E-07 4.302E-07 2.367E-07 2.367E-07 2.367E-07 1.458E-07 1.458E-07 1.458E-07 1.2565E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-08 8.716E-09 6.193E-07 7.3037E-07 6.193E-07 7.139E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.00E+00	0.00E+00

```
0 000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
0.000E+00
                                                         2.176E-07
             1.396E-06
    497
                                                                                                                                                 0.000E+00
                                                         1.807E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.156E-06
9.586E-07
    498
                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.504E-07
                                                                        0.000E+00
                                                                                       0.000E+00
    499
                                                                                                                                                 0 000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                         1.283E-07
                            0.000E+00
                                           0 000E+00
              8.169E-07
    500
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
                                                          1.131E-07
                                                                        0.000E+00
              7.198E-07
                            0 000E+00
    3501
                                                                                       0.000E+00
0.000E+00
                                                                                                                                   0.000E100
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          1.022E-0/
                                                                        0.000E100
0.000E+00
              6.503E-07
                            0.000E+00
    502
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                          9.404E-08
    503
              5.976E-07
                            0.000E+00
                                           0.000E±00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                          8.766E-08
                                                                        0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
    504
              5.571E-07
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          1.989E-07
                                                                        0.000E+00
              1 380E-06
    505
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
                                                         2.318E-07
2.704E-07
                            0.000E+00
                                           0 000E+00
              1.611E-06
    506
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E±00
                            0.000E+00
0.000E+00
    507
              1.873E-06
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0 000E+00
                                                                                                     0.000E+00
              2.147E-06
2.547E-06
                                           0.000E+00
                                                          3.119E-07
                                                                        0.000E+00
    508
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          3,713E-07
    509
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          4.402E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              2.986E-06
                            0.000E+00
                                                                                                                                                VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                        11/07/95
                                                                                                                                     09:41:42
                                                                                                                                                  Page -
                                                                      g:\ace\GQ91\GQPACE.OUT
                                                       Output File:
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                          5.476E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
                            0.000E+00
                                                          6.862E-07
                                                                        0.000E+00
    512
513
              4.517E-06
1.310E-05
                                                                                                      0.000E+00
                                                                                                                                   0 000E+00
                                                          1.908E-06
1.126E-06
                                                                                       0.000E+00
                                                                        0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
     514
              6.896E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.071E-06
                                                                        0.000E+00
                                                                                       0.000E+00
                            0.000E+00
    515
              6.680E-06
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
              6.070E-06
                             0.000E+00
                                           0.000E+00
                                                          9.563E-07
7.799E-07
    516
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                           0 000E+00
              4.965E-06
     517
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          6.269E-07
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
     518
              3.986E-06
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
              3.046E-06
                             0.000E+00
                                           0.000E+00
                                                          4.798E-07
                                                                        0.000E+00
     519
                                                                                                                                                 0.000E+00
                                                          3.699E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              2.352E-06
                             0,000E+00
                                           0 000E+00
    520
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                          2.945E-07
                                                                        0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
                             0.000E+00
              1.878E-06
     521
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.353E-07
1.910E-07
              1.497E-06
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
     522
523
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
              1.211E-06
                                           0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                                                                                                    0.000E+00
                                                          1.596E-07
                                                                        0.000E+00
                                           0.000E+00
     524
              1.011E-06
8.717E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                          1.376E-07
1.231E-07
                                           0.000E+00
                                                                        0 000E+00
     525
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
0.000E+00
              7.801E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0 000E+00
     526
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                          1.121E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
              7.102E-07
     527
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.032E-07
     528
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                          9.582E-08
                                                                        0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
              6.085E-07
                             0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                          8.955E-08
1.814E-07
2.176E-07
                                           0.000E+00
                                                                        0.000E+00
              5.692E-07
                             0.000E+00
     530
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              1.258E-06
                             0.000E+00
                                           0 000E+00
     531
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
              1.510E-06
                             0 000E+00
     532
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0,000E+00
                                                          2.602E-07
3.088E-07
                                           0.000E+00
                                                                        0 000E+00
                             0.000E+00
              1.808E-06
     533
                                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     534
              2.139E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
                                                          3.687E-07
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
              2.534E-06
3.095E-06
     535
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          4.528E-07
                                                                        0 000E+00
     536
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          5.671E-07
                                                                        0.000E+00
     537
              3.818E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
     538
              1.209E-05
1.117E-05
                             0 000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                          1.785E-06
1.566E-06
                             0.000E+00
                                            0.000E+00
                                                                        0 000E+00
     539
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
              1.004E-05
                             0.000E+00
                                           0.000E+00
     540
                                                                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                          8.702E-07
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                           0.000E+00
              5.583E-06
3.723E-06
                             0.000E+00
     541
                                                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          5.901E-07
4.385E-07
                                                                        0 000E+00
     542
                                                                                                                                                 0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0 000E+00
                                                                         0.000E+00
              2.774E-06
     543
                             0 000E+00
                                           0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                       0.000E+00
0.000E+00
                                            0.000E+00
                                                          3.272E-07
                                                                         0.000E+00
                             0.000E+00
     544
              2.069E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                           0.000E+00
                                                          2.551E-07
2.064E-07
                                                                        0.000E+00
              1.609E-06
                             0.000E+00
     545
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                           0.000E+00
0.000E+00
     546
              1.302E-06
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                                          1.742E-07
                                                                         0.000E+00
                             0.000E+00
              1.100E-06
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
              9.637E-07
                             0.000E+00
                                            0.000E+00
                                                          1.523E-07
                                                                         0.000E+00
     548
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
              8.640E-07
7.856E-07
7.222E-07
                                                          1.364E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                           0.000E+00
0.000E+00
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                          1.238E-07
                                                                         0.000E+00
                             0.000E+00
     550
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
                                                          1.137E-07
1.053E-07
                                                                         0.000E+00
                             0.000E+00
     551
552
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
              6.691E-07
                             0 000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                          9.798E-08
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
                                           0.000E+00
     553
              6.237E-07
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
              5.842E-07
                                            0.000E+00
                                                          9.160E-08
                                                                         0.000E+00
                             0.000E+00
     554
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                          1.597E-07
1.906E-07
     555
              1.119E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0 000E+00
     556
              1.327E-06
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.330E-07
2.793E-07
3.425E-07
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
                                            0.000E+00
              1.617E-06
                             0.000E+00
     557
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
                                                                         0.000E+00
              1.933E-06
                                            0.000E+00
     558
                                                                                                                                    0.000E+00
              2.368E-06
2.958E-06
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.316E-07
                                                                         0.000E+00
                                                                                        0.000E+00
     560
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
              5.195E-06
                             0.000E+00
                                            0.000E+00
                                                          7.789E-07
     561
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
              8.474E-06
                             0.000E+00
                                            0.000E+00
                                                           1.306E-06
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                                                   Page -
                                                                                                                        11/07/95
                                                                                                                                      09:41:42
                                                        Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                          3.714E-06
4.490E-06
3.959E-06
                                                                         0.000E+00
                                            0.000E+00
                             0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                            0.000E+00
                                                                         0.000E+00
              3.013E-05
                             0.000E+00
     564
                                                                                                                                                  0.000E+00
              2.719E-05
5.506E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
     565
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          8.644E-07
5.499E-07
3.836E-07
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
     566
                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
               3.476E-06
                             0.000E+00
                                            0.000E+00
     567
                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                            0.000E+00
     568
              2.417E-06
                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                           2.863E-07
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
              1.800E-06
     569
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                          2.317E-07
1.976E-07
                             0.000E+00
                                            0.000E+00
     570
               1.460E-06
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
               1.247E-06
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
0.000E+00
               1.098E-06
                             0.000E+00
                                                           1.739E-07
                                                                         0.000E+00
     572
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                           1.551E-07
                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
               9.799E-07
                             0.000E+00
                                            0.000E+00
     573
                                                           1.401E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0 000E+00
                                                                                                                     0.000E+00
                                            0.000E+00
     574
               8.867E-07
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                           1.271E-07
1.154E-07
                                                                                        0.000E+00
0.000E+00
              8.064E-07
7.331E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     575
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
     576
                             0.000E+00
                                            0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0 000E+00
                                                           1.045E-07
               6.653E-07
6.036E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           9.471E-08
                                                                                        0.000E+00
     578
                                                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
               5.486E-07
9.389E-07
                             0.000E+00
                                            0.000E+00
                                                           8.595E-08
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                           1.334E-07
                                                                         0,000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     580
                             0.000E+00
                                                                                                                                    0.000E+00
                                                                                                       O.OOOE+UU
                                                                                                                     U.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                           1.574E-07
                                                                         0.000E+00
                                                                                        0.000E+00
               1.112E-06
                             U.000E+00
     581
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.860E-07
     582
               1.310E-06
                                                           2.273E-07
2.944E-07
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                     0.000E+00
               1.584E-06
2.037E-06
                             0.000E+00
0.000E+00
                                            0.000E+00
     583
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
```

3.855E-07

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

584

2.660E-06

```
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                       0.000E+00
                                          0.000E+00
0.000E+00
                                                         7.630E-07
    586
              5.139E-06
                            0.000E+00
                                                         1.323E-06
3.772E-06
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
             8.622E-06
2.542E-05
    587
                            0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                      0 000E+00
                                                                                                    0.000E+00
    588
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                       0.000E+00
              5.746E-06
                            0.000E+00
                                          0 000E+00
                                                         8.823E-07
    589
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
             2.803E-06
2.114E-06
1.718E-06
                                          0.000E+00
                                                         4.484E-07
                                                                       0.000E+00
    590
                            0.000E100
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                         3.371E-07
2.736E-07
                                                                       0 000E100
                                                                                      0_000E+00
                                                                                                    0.000E+00
                            0.000E+00
    591
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
0.000E+00
    592
                                          0.000E+00
                                                                                                                                                0.000E+00
                                          0.000E+00
                                                         2.303E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
    593
              1.449E-06
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                         1.974E-07
1.706E-07
              1.246E-06
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
    594
                                                                                                                                                0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                            0.000E+00
0.000E+00
              1.080E-06
                                          0 000E+00
                                                                                                                                  0.000E+00
                                                         1.481E-07
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                     0 000E+00
    596
597
              9.393E-07
                                                                                                     0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
              8.209E-07
                            0.000E+00
                                          0.000E+00
                                                         1.292E-07
                                                                       0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0 000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                         1.137E-07
              7.230E-07
                            0.000E+00
                                          0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                         1.008E-07
                                                                                      0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
              6.415E-07
5.760E-07
    599
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         9.045E-08
8.169E-08
                            0.000E+00
                                           0.000E+00
    600
                                                                                                                                  0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
              5.201E-07
                            0.000E+00
                                           0.000E+00
    601
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                         7.466E-08
                                                                       0.000E+00
                                                                                                     0.000E+00
              4.753E-07
7.806E-07
    602
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.129E-07
1.315E-07
                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
    603
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              9.109E-07
                            0.000E+00
                                           0.000E+00
    604
                                                                                                                   0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.593E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
              1.106E-06
1.353E-06
    605
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0 000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                         1.944E-07
2.424E-07
                            0.000E+00
                                           0.000E+00
    606
                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
              1.697E-06
                            0.000E+00
                                           0 000E+00
    607
                                                                                                                                  0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                         3.178E-07
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
    608
              2.225E-06
3.147E-06
                            0 000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         4.555E-07
                                                                       0.000E+00
    609
                                                         1.113E-06
5.792E-07
4.014E-07
3.084E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
              6.984E-06
                            0.000E+00
                                           0-000E+00
    610
                                                                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                            0.000E+00
    611
612
              3.624E-06
2.522E-06
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0,000E+00
                                                                                                                   0 000E+00
                                                                                                                                  0.000E+00
                            0 000E+00
              1.945E-06
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                           0.000E+00
                                                         2.457E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
              1.554E-06
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                               VERS. 93288 7
                                                                                                                       11/07/95
                                                                      g:\ace\GQ91\GQPACE.OUT
                                                                                                                                    09:41:42
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                 Page
                                                       Output File:
                                                                                                                                                0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                         2.005E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                            0.000E+00
              1.269E-06
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                      0.000E+00
0.000E+00
              1.067E-06
                            0.000E+00
                                                         1.686E-07
1.447E-07
                                                                       0.000E+00
    616
617
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
              9.156E-07
                            0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.270E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                            0.000E+00
    618
              8.032E-07
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
              7.170E-07
                            0.000E+00
                                           0.000E+00
                                                         1.134E-07
                                                                       0.000E+00
     619
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                         1.027E-07
9.394E-08
                                                                        0.000E+00
              6.491E-07
                                           0.000E+00
0.000E+00
                            0.000E+00
     620
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
              5.942E-07
5.476E-07
                            0.000E+00
     621
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                     0.000E+00
                                                         8.656E-08
                                                                        0.000E+00
                                                                                      0.000E+00
                            0.000E+00
                                           0.000E+00
     622
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                            0.000E+00
0.000E+00
                                                         8.048E-08
7.707E-08
                                                                        0.000E+00
              5.094E-07
                                           0.000E+00
     623
                                                                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
    624
625
              4.900E-07
7.038E-07
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.008E-07
                                                                        0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                        0.000E+00
                                                         1.117E-07
     626
              7.786E-07
8.711E-07
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.254E-07
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.467E-07
1.828E-07
                                           0.000E+00
                                                                        0.000E+00
              1.015E-06
                            0.000E+00
     628
                                                                                                                                                0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
              1.261E-06
                            0.000E100
                                           0.000E100
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                         2.461E-07
                                                                        0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                            0.000E+00
                                           0.000E+00
              1.696E-06
2.451E-06
    630
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                         3.561E-07
5.880E-07
7.284E-07
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
     631
                                                                                                                                  0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              4.041E-06
4.503E-06
                                           0.000E+00
     632
                            0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                            0.000E+00
     633
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
                                           0.000E+00
                                                         4.501E-07
3.332E-07
                                                                        0.000E+00
     634
              2.806E-06
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                      0.000E+00
                                           0.000E+00
     635
              2.087E-06
                            0 000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          2.624E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0 000E+00
              1.650E-06
     636
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         2.155E-07
                                                                                      0.000E+00
                                                                                                     0.000E+00
              1.359E-06
                                                                        0.000E+00
     637
                             0.000E+00
                                           0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
              1.158E-06
                                                          1.834E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                          1.589E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.00E+00
              1.004E-06
     639
                                                                                                     0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          1.394E-07
                                                                        0.000E+00
                                                                                      0.000E+00
              8.828E-07
     640
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                          1.238E-07
                                                                        0.000E+00
              7.856E-07
7.079E-07
                             0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.114E-07
                             0.000E+00
     642
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                         1.010E-07
9.228E-08
                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                        0 000E+00
              6.426E-07
     643
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
              5.879E-07
                             0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          8.479E-08
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              5.407E-07
5.019E-07
     645
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          7.862E-08
7.307E-08
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                             0.000E+00
     646
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              4.667E-07
                             0.000E+00
                                           0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          8.271E-08
                                                                        0.000E+00
                                                                                      0.000E+00
              5.753E-07
6.417E-07
     648
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          9.251E-08
                                                                                      0.000E+00
     649
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          1.050E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              7.255E-07
                             0.000E+00
                                           0.000E+00
     650
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                          1.218E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
     651
              8 379E-07
                             0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
                                                          1.474E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.010E-06
                             0.000E+00
     652
                                                         1.835E-07
2.448E-07
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                       0.000E+00
                                                                        0.000E+00
     653
              1.252E-06
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                        0.000E+00
              1.665E-06
                             0.000E+00
                                           0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          3.734E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
              2.521E-06
     655
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          1.521E-06
9.716E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
              9.680E-06
                             0.000E+00
                                           0.000E+00
     656
                                                                                                                                                0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
     657
              6.023E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                  0.000E+00
              3.581E-06
2.395E-06
                             0.000E+00
                                           0.000E+00
                                                          5.782E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0 000E+00
     658
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                          3.843E-07
2.836E-07
                                                                        0.000E+00
0.000E+00
                                                                                                     0.000E+00
     659
                             0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
              1.782E-06
                             0.000E+00
                                           0.000E+00
     660
                                                                                                                   0.000E+00
                                                          2.238E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              1.415E-06
                             0.000E+00
                                           0.000E+00
     661
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                     0.000E+00
              1.170E-06
                                           0.000E+00
                                                          1.845E-07
1.576E-07
                                                                        0 000E+00
                                                                                       0.000E+00
                             0.000E+00
     662
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
              1.001E-06
                             0.000E+00
                                           0 000E+00
     663
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                             0.000E+00
                                                          1.451E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                           0.000E+00
              9.337E-07
     664
665
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                          1.246E-07
                                                                                                     0.000E+00
              7.992E-07
                             0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0 - 000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          1.073E-07
              6.848E-07
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                       Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                       11/07/95
                                                                                                                                    09:41:42
                                                                                                                                                  Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                 0.000E+00
                                                          9.660E-08
8.761E-08
                                                                                       0 000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                             0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                        0.000E+00
              5.605E-07
5.133E-07
                             0,000E+00
                                           0.000E+00
     668
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
                             0,000E+00
                                           0.000E+00
                                                          8.013E-08
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
     669
670
                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
              4.741E-07
                                           0.000E+00
                                                          7.393E-08
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
              4.408E-07
                             0.000E+00
                                           0.000E+00
                                                          6.867E-08
                                                                        0.000E+00
     671
                                                                                                                                                 0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                           0.000E+00
                                                          6.410E-08
7.356E-08
                                                                                                     0.000E+00
     672
673
              4.118E-07
5.077E-07
                            0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                                                 0.000E+00
                                            0.000E+00
                                                                        0 000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
```

8.221E-08

0.000E+00

5.672E-07

0.000E+00

```
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              6.430E-07
                            0.000E+00
0.000E+00
                                                          9.352E-08
                                           0.000E+00
    675
                                                          1.095E-07
1.315E-07
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
    676
677
              7.471E-07
8.920E-07
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       n 000E+00
                                                                                                                      0 000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
                                                          1.667E-07
              1.137E-06
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0 000E+00
                             0.000E100
                                            0.000E+00
                                                           2.242E-07
                                                                         0.000E+00
    679
              1.526E-06
                                                                                                                                                   0.000E+00
                                                          3.044E-07
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E100
0.000E+00
                                                                                                       0.000E+00
    680
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                           5.814E-07
              3.891E-06
7.588E-06
                             0.000E+00
                                            0 000E+00
                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.100E-06
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
    682
                                                                                                       0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    683
              7.944E-06
                             0.000E+00
                                            0.000E+00
                                                          1.154E-06
                                            0.000E+00
                                                          1.093E-06
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              7.175E-06
                             0 000E+00
    684
                                                                                                                                                   0.000E+00
                                                          7.053E-07
4.956E-07
3.572E-07
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
              4.435E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0 000E+00
    685
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
              3.103E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
    687
              2.238E-06
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                          2.674E-07
2.094E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              1.677E-06
                             0.000E+00
                                                                         0.000E+00
                                                                                                       0 000E+00
    688
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.318E-06
                             0.000E+00
                                            0.000E+00
    689
                                                          1.742E-07
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
    690
              1.099E-06
                             0.000E+00
              9.382E-07
8.142E-07
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.484E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
    691
692
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                                          1.286E-07
1.146E-07
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
              7.262E-07
6.477E-07
    693
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          1.020E-07
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
    694
                                                                                                                                                   0.000E+00
                                                          9.142E-08
8.295E-08
7.569E-08
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
    695
              5.810E-07
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    696
              5.279E-07
                             0 000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
              4.823E-07
    697
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                          6.930E-08
6.376E-08
              4.424E-07
                             0.000E+00
                                            0.000E+00
0.000E+00
    698
                             0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
    699
              4.080E-07
                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
              4.221E-07
                             0.000E+00
                                                          6.494E-08
7.393E-08
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
    700
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
    701
              5.062E-07
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                           8.480E-08
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              5.793E-07
    702
                                                                                                                                     0.000E+00
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0 000E+00
              6.841E-07
7.959E-07
                                            0.000E+00
                                                           9.959E-08
                                                                         0 000E+00
                                                                                                       0.000E+00
    703
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
                                                                                                                                     0.000E+00
                                                          1.154E-07
                                            0.000E+00
0.000E+00
    704
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                           1.338E~07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
              9.197E-07
    705
                                                          1.571E-07
1.873E-07
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
              1.077E-06
                             0.000E+00
                                            0.000E+00
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
    706
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.268E-06
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
0.000E+00
                             0.000E+00
    707
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                             0.000E+00
                                                           2.699E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
    70B
              1.809E-06
    709
                             0.000E+00
                                            0.000E+00
                                                          4.857E-07
7.409E-07
                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    710
              5.078E-06
5.694E-06
                             0 000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                           8.416E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
    711
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              5.326E-06
                             0.000E+00
                                            0.000E+00
                                                           8.071E-07
                                                                         0.000E+00
                                                           5.838E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
    713
714
              3.752E-06
2.784E-06
                             0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.384E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0 000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                          3.321E-07
2.637E-07
                                                                                                       0.000E+00
    715
              2.103E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    716
717
              1.657E-06
1.286E-06
                             0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                            0.000E+00
                                                           2.046E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.060E-06
                             0.000E+00
                                            0.000E+00
                                                           1.678E-07
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                        1991 MET, PM10
g:\ace\GQ91\GQPACE.OUT
                                                                                                      OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                  VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                                                                          11/07/95
                                                                                                                                       09:41:42
                                                                                                                                                     Page
 nout File: g:\ace\GQ91\GQPACE.DAT
                                                        Output File:
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                           1.402E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0 000E+00
              8.876E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    720
721
722
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
              7.748E-07
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                          1.221E-07
1.086E-07
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              6.912E-07
6.191E-07
                             0.000E+00
                                                                                                                                     0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           9.714E-08
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              5.623E-07
5.185E-07
4.787E-07
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           8 819E-08
                                                                         0.000E+00
     723
                                                           8.129E-08
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
    724
725
                                            0.000E+00
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           7.510E-08
                                                                         0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                           6.966E-08
                                                                         0.000E+00
     726
              4.438E-07
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                          6.443E-08
5.961E-08
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    727
728
              4.102E-07
3.795E-07
                                            0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                           8.375E-08
                                                                                        0.000E+00
     729
              5.796E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                           9.208E-08
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
    730
731
              6.367E-07
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
              6.924E-07
                                                           1.002E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                           1.101E-07
1.176E-07
              7.627E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
    733
734
              8.095E-07
                             0.000E+00
                                            0.000E+00
                                                           1.346E-07
              9.164E-07
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
                                                           1.666E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
    735
              1.123E-06
                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                    0.000E+00
              1.787E-06
                                                           2.631E-07
4.243E-07
5.734E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              2.880E-06
3.908E-06
    737
                                                                                                                                     0 000E+00
     738
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              4.238E-06
                             0.000E+00
                                            0.000E+00
                                                           6.314E-07
6.347E-07
                                                                         0.000E+00
     739
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
    740
              4.234E-06
3.249E-06
                             0.000E+00
                                            0.000E+00
                                                           4.993E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
    741
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                           4.685E-07
              3.088E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                           3.337E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                             0.000E+00
    743
              2.158E-06
                                                                                                                                     0.000E+00
     744
              1.568E-06
                             0.000E+00
                                            0.000E+00
                                                           2.468E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           2.051E-07
1.665E-07
                                                                         0.000E+00
0.000E+00
    745
              1.299E-06
                             0 000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                             0.000E+00
    746
              1.047E-06
                                                                                                                                                    0.000E+00
              8.784E-07
7.594E-07
     747
                             0.000E+00
                                            0.000E+00
                                                           1.396E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                       0 000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.200E-07
                                                                                        0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                           1.041E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
     749
              6.628E-07
5.920E-07
                             0.000E+00
     750
                                                           9.281E-08
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
              5.380E-07
                             0.000E+00
                                            0.000E+00
                                                           8.423E-08
7.680E-08
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              4.915E-07
4.548E-07
     752
                             0 000E+00
                                                           7.093E-08
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0 000E+00
                             0.000E+00
                                            0.000E+00
     753
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           6.673E-08
6.732E-08
5.971E-08
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
              4.286E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                         0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     755
              4.364E-07
                             0.00000
                                            0.00E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              3.830E-07
                             0.000E+00
                                            0.000E+00
     756
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
               5.828E-07
                             0.000E+00
                                            0.000E+00
                                                           8.403E-08
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           8.953E-08
                                                                                                       0.000E+00
     758
              6.211E-07
                             0.000E+00
                                            0 DOOE+00
                                                                                                       0.000E+00
                                                           9.034E-08
                                                                          0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                                                         0.000E+00
                             0.000E+00
     759
              6.265E-07
              6.495E-07
7.146E-07
                                            0.000E+00
                                                                                                                                                    0 000E+00
                                                           9.413E-08
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
     760
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           1_041E-07
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.00E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
                                                           1.214E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
    762
              8.240E-07
                                                                          0.000E+00
     763
                                            0.000E+00
                                                           1.776E-07
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
              1.205E-06
                             0.000E+00
                                                                                                                                                    0.000E+00
                                                           2.493E-07
3.730E-07
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.695E-06
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
    765
766
              2.535E-06
3.239E-06
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           4.760E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              3.377E-06
                             0.000E+00
                                            0.000E+00
                                                           5.042E-07
                                                                          0.000E+00
                                                                                         0.000E+00
```

```
0.000E+00
0.000E+00
                                                                5.028E-07
4.748E-07
4.428E-07
                                                                                 0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
            3.347E-06
3.130E-06
2.915E-06
                             0.000E+00
 768
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                             0.000E+00
0.000E+00
 769
770
                                                                                 0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                                         0 000E+00
EN QUEEN MINING - GOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *t File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
at File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                          11/07/95
                                                                                                                                                         09:41:42
                                                                                                                                                                          Page -
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                               0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                                         0.000E+00
                             0.000E+00
            2.926E-06
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
 772
773
                                                                2.899E-07
2.361E-07
                                                                                 0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
            1.878E-06
                             0.000E+00
                                               0.000E+00
            1.522E-06
                             0.000E+00
                                               0.000E+00
                                                                 1,982E-07
                                                                                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
 774
775
            1.265E-06
                                                                                                                                                                         0.000E+00
0.000E+00
            1.062E-06
                             0.000E+00
                                               0.000E+00
                                                                 1.672E-07
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
            8.958E-07
7.604E-07
                             0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
                                                                1.411E-07
1.201E-07
 776
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
 777
778
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                1.049E-07
9.221E-08
                                                                                 0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
            6.621E-07
                                               0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
            5.845E-07
                                               0.000E+00
            5.247E-07
4.804E-07
                                                                8.229E-08
7.500E-08
6.856E-08
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
 780
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
 781
                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                               0.000E+00
            4.400E-07
 782
                                                                 6.390E-08
            4.115E-07
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
 783
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                6.862E-08
5.553E-08
            4.514E-07
                              0.000E+00
                                               0.000E+00
 784
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                                               0.000E+00
            3.579E-07
                             0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
            5.396E-07
5.353E-07
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                               0.000E+00
                                                                 7.756E-08
                                                                                                                                      0.000E+00
 786
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                7.737E-08
7.669E-08
 787
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                               0.000E+00
                              0.000E+00
0.000E+00
             5.303E-07
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
            5.938E-07
6.574E-07
                                               0.000E+00
                                                                 8.599E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
 789
                                                                9.631E-08
1.294E-07
                                                                                 0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                               0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                              0.000E+00
 791
            8.804E-07
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                 1.745E-07
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
            1.199E-06
 792
                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                                                                2.397E-07
3.384E-07
             1.631E-06
 793
                              0.000E+00
                                               0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                               0.000E+00
            2.308E-06
2.732E-06
 794
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0 000E+00
 795
                              0.000E+00
                                               0.000E+00
                                                                 4.020E-07
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                 4.157E-07
4.084E-07
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                      0.000E+00
            2.786E-06
2.715E-06
                                               0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
 797
            2.600E-06
2.451E-06
                                                                 3.924E-07
3.724E-07
3.308E-07
                                                                                 0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
 798
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
 799
                              0.000E+00
                                               0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                               0.000E+00
            2.172E-06
1.798E-06
                              0.000E+00
 800
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                                 2.750E-07
                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
 801
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                 2.265E-07
1.905E-07
                                                                                  0.000E+00
0.000E+00
             1.476E-06
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
 803
            1.231E-06
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                 1.653E-07
                                                                                  0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
             1.062E-06
 804
                                                                                                                                       0.000E+00
                                                                 1.411E-07
1.212E-07
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
             8.986E-07
                              0.000E+00
                                                0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
             7.702E-07
                              0.000E+00
                                                0.000E+00
 806
                                                                                                   0.000E+00
0.000E+00
0.000E+00
 807
             6.671E-07
                              0.000E+00
                                                0.000E+00
                                                                 1.048E-07
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0 000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
 808
            5.942E-07
5.252E-07
                              0.000E+00
                                                0.000E+00
                                                                 9.349E-08
8.283E-08
                                                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
 809
                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
             4.715E-07
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                 7.421E-08
                                                                                                                     0.000E+00
 810
                                                                 6.807E-08
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
            4.342E-07
4.025E-07
 811
                              0.000E+00
                                                                 6.283E-08
5.795E-08
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
 812
             3.729E-07
                              0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                                                 5.337E-08
             3 445E-07
                              0 000E+00
                                               0.000E+00
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	Zn	NTXPM		
1	0.000E+00	2.046E-01		
2	0.000E+00	2.074E-01		
3	0.000E+00	2.062E-01		
4	0,000E+00	3.352E-01		
5	0.000E+00	3.333E-01		
2 3 4 5 6 7	0.000E+00	3.012E-01		
7	0.000E+00	2.344E-01		
8	0.000E+00	2.440E-01		
9	0.000E+00	2.546E-01 4.142E-01		
10 11	0.000E+00 0.000E+00	1.196E-01		
12	0.000E+00	4.971E-01		
13	0.000E+00	3.638E-01		
14	0.000E+00	3.700E-01		
15	0.000E+00	3.711E-01		
16	0.000E+00	4,224E-01		
17	0.000E+00	1.407E-01		
18	0.000E+00	2.350E-01		
19	0.000E+00	2.568E-01		
20	0.000E+00	3.357E-01		
21	0.000E+00	1.962E-01		
22	0.000E+00	1.892E-01		
23	0.000E+00	1.805E-01		
24	0.000E+00	1.708E-01		
25 26	0.000E+00 0.000E+00	1.597E-01 1.829E-01		
20	O . GOOD TOO	1.0275 01		

```
0.000E+00
                                    1.721E-01
1.559E-01
1.702E-01
       27
28
                  0.000E+00
                  0.000E+00
       30
31
32
                                    1.836E-01
                  0.000E+00
                  0.000E+00
0.000E+00
                                    1,979E-01
                                    2.155E-01
1.999E-01
1.805E-01
       33
                  0.000E+00
0.000E+00
                                    2.267E-01
2.812E-01
                  0.000E+00
       36
37
                  0.000E+00
                  0.000E+00
                                    4.119E-01
       38
                  0.000E+00
                                    3.981E-01
                                    3.850E-01
       39
                  0.000E+00
                                    4.064E-01
4.795E-01
                  0.000E+00
       40
                  0.000E+00
       42
                  0.000E+00
                                    4.112E-01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                        11/07/95
                                                                                                                                                                       09:41:42 Page -
                  0.000E+00
0.000E+00
0.000E+00
                                    4.027E-01
3.012E-01
2.569E-01
        45
                  0.000E+00
                                    4.048E-01
                  0.000E+00
                                    5.062E-01
5.495E-01
                  0.000E+00
                  0.000E+00
0.000E+00
                                    5.355E-01
5.232E-01
       49
50
51
52
53
54
55
56
                  0.000E+00
                  0.000E+00
0.000E+00
                                    4.890E-01
4.538E-01
                  0.000E+00
                                    3.810E-01
                                    3.309E-01
2.943E-01
2.645E-01
2.412E-01
2.360E-01
                  0.000E+00
0.000E+00
        57
58
59
                  0.000E+00
                  0.000E+00
0.000E+00
                                    2.547E-01
2.527E-01
2.776E-01
                  0.000E+00
       61
62
                  0.000E+00
        63
                  0.000E+00
                                     3.084E-01
       64
                  0.000E+00
0.000E+00
                                    3.483E-01
4.050E-01
                                    4.567E-01
5.472E-01
                  0.000E+00
       67
68
                  0.000E+00
0.000E+00
                                    5.472E-01
6.852E-01
9.340E-01
1.270E+00
1.044E+00
7.014E-01
5.819E-01
4.849E-01
                  0.000E+00
                  0.000E+00
       70
71
72
73
74
75
77
78
                  0.000E+00
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                    6.148E-01
6.164E-01
7.979E-01
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                    7.979E-01
7.763E-01
6.070E-01
4.710E-01
3.700E-01
2.926E-01
3.577E-01
                  0.000E+00
        79
80
                  0.000E+00
                  0.000E+00
                  0.000E+00
        82
                  0.000E+00
        83
                  0.000E+00
                  0.000E+00
                                     3.861E-01
                  0.000E+00
                                    3.503E-01
4.015E-01
        85
                  0.000E+00
        86
                  0.000E+00
                                     4.026E-01
                                    4.791E-01
3.670E-01
        88
                  0.000E+00
                  0.000E+00
        89
                  0.000E+00
                                     4.143E-01
        91
                  0.000E+00
                                     5.295E-01
5.287E-01
                  0.000E+00
        92
                  0.000E+00
                                     5.460E-01
                  0.000E+00
                                     5.669E-01
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                        11/07/95
                                                                                                                                                                       09:41:42
                                                                                                                                                                                        Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                  0.000E+00
                                     5.936E-01
7.031E-01
8.828E-01
                  0.000E+00
        97
                  0.000E+00
        98
                  0.000E+00
                                     1.114E+00
1.129E+00
8.955E-01
                  0.000E+00
                  0.000E+00
      100
                  0.000E+00
      101
      102
                  0.000E+00
                                     6.994E-01
                                     6.951E-01
6.448E-01
                  0.000E+00
      103
                  0.000E+00
      104
                  0.000E+00
                                     6.022E-01
                                    5.954E-01
5.884E-01
      106
                  0.000E+00
                  0.000E+00
      107
       108
                  0.000E+00
                                     1.143E+00
      109
                  0.000E+00
                                     8,824E-01
7,121E-01
                  0.000E+00
      110
      111
112
                  0.000E+00
                                     8.260E-01
                                     1.061E+00
1.272E+00
2.318E+00
                  0.000E+00
      113
                  0.000E+00
                   0.000E+00
```

1.622E+00

```
1.055E+00
     116
117
                0 000E+00
                                1.379E+00
2.446E+00
                0.000E+00
     118
                0.000E+00
                                1.035E+00
                0.000E+00
     119
                0.000E+00
                                9.992E-01
1.182E+00
     121
122
                0.000E+00
                0.000E+00
     123
                0.000E+00
                                2.092E+00
                                1.798E+00
     124
                0.000E+00
                                2.558E+00
3.928E+00
                0.000E+00
     125
     126
                0.000E+00
                                 4.403E+00
     127
                0.000E+00
                                3.326E+00
                0.000E+00
     128
                                1.996E+00
1.680E+00
     129
                0.000E+00
                0.000E+00
     130
131
                0.000E+00
                                 1.833E+00
                                3.697E+00
5.130E+00
     132
                0.000E+00
                0.000E+00
     133
                                5.615E+00
2.653E+00
1.676E+00
                0.000E+00
     134
135
                0.000E+00
     136
137
                0.000E+00
                                 1.741E+00
                0.000E+00
                0.000E+00
0.000E+00
                                1.605E+00
1.911E+00
     139
                                 1.700E+00
                0.000E+00
     140
                                 1.863E+00
1.270E+00
     141
                0.000E+00
                0.000E+00
     142
     143
                0.000E+00
                                 9.027E-01
                                8.754E-01
7.311E-01
                0.000E+00
                0.000E+00
     145
                0.000E+00
                                 6.731E-01
     146
                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                        11/07/95 09:41:42 Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                0.000E+00
                                 5.923E-01
5.159E-01
4.515E-01
     148
                0.000E+00
     149
150
                0.000E+00
0.000E+00
      151
                0.000E+00
                                 4.739E-01
                                 5.042E-01
     152
153
                0.000E+00
0.000E+00
                                 4.352E-01
                0.000E+00
                                 3.890E-01
                                 3.536E-01
3.938E-01
                0.000E+00
     155
                0.000E+00
     156
                 0.000E+00
                                 4.300E-01
     158
159
                                 4.074E-01
                0.000E+00
                0.000E+00
                                 3.889E-01
                                 3.445E-01
3.260E 01
                 0.000E+00
      160
     161
162
                U.UUUE+00
0.000E+00
                                 4.144E-01
5.148E-01
5.890E-01
                0.000E+00
      164
165
                0.000E+00
0.000E+00
                                 5.557E-01
4.371E-01
                0.000E+00
0.000E+00
      167
                0.000E+00
                                 3.406E-01
      168
                                 2.864E-01
2.960E-01
                0.000E+00
      170
171
                0.000E+00
0.000E+00
                                 3.095E-01
                 0.000E+00
                                 3.138E-01
                                 3.112E-01
      173
                0.000E+00
0.000E+00
                                 3.680E-01
      174
175
                 0.000E+00
                                 4.387E-01
      176
177
178
179
                                 5.646E-01
6.468E-01
6.008E-01
                 0.000E+00
                 0.000E+00
                 0.000E+00
                                 6.616E-01
7.841E-01
                 0.000E+00
                0.000E+00
0.000E+00
      180
                                 8.625E-01
      181
                0.000E+00
0.000E+00
                                 6.449E-01
4.696E-01
      182
      183
                                 3.501E-01
2.904E-01
2.993E-01
      184
                 0.000E+00
      185
                 0.000E+00
                 0.000E+00
      186
                 0.000E+00
                                 2.992E-01
      187
                 0.000E+00
                                 3.058E-01
                                 3.112E-01
2.732E-01
      189
                 0.000E+00
                 0.000E+00
      190
                 0.000E+00
                                 2.438E-01
                                 2.185E-01
1.371E+00
      192
                 0.000E+00
                 0.000E+00
      193
                 0.000E+00
                                  1.246E+00
      195
                 0.000E+00
                                 1.186E+00
                                  1.162E+00
                 0.000E+00
      196
                 0.000E+00
                                 1.154E+00
1.129E+00
      198
                 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                         11/07/95 09:41:42 Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                 0.000E+00
                                 1.123E+00
      200
                 0.000E+00
                                 1.038E+00
9.683E-01
9.604E-01
      201
202
                 0.000E+00
0.000E+00
      203
                 0.000E+00
                 0.000E+00
                                 1.567E+00
      204
```

```
205
              0.000E+00
                                  1.421E+00
              0.000E+00
                                  1.376E+00
  206
                                  1.381E+00
  207
              0.000E+00
              0.000E+00
                                  1.336E+00
 208
               0.000E+00
                                  1.295E+00
1.344E+00
 210
211
              0.000E+00
0.000E+00
                                   1.487E+00
  212
               0.000E+00
                                  1.175E+00
              0.000E+00
0.000E+00
0.000E+00
                                  1.059E+00
                                  1.077E+00
1.747E+00
1.601E+00
 214
215
              0.000E+00
0.000E+00
0.000E+00
  216
                                  1.608E+00
1.680E+00
1.615E+00
  217
  218
              0.000E+00
0.000E+00
  219
220
                                   1.544E+00
                                  1.846E+00
1.790E+00
              0.000E+00
0.000E+00
  221
  222
  223
               0.000E+00
                                   1.307E+00
              0.000E+00
0.000E+00
0.000E+00
                                   1.185E+00
1.318E+00
  224
  225
226
                                   1.446E+00
1.363E+00
1.767E+00
  227
               0.000E+00
0.000E+00
  228
               0.000E+00
                                   1.536E+00
  229
               0.000E+00
0.000E+00
0.000E+00
                                   1.521E+00
1.929E+00
  230
  231
232
                                   1.868E+00
                                  1.544E+00
1.629E+00
2.540E+00
1.782E+00
1.809E+00
               0.000E+00
0.000E+00
  233
  234
               0.000E+00
  236
               0.000E+00
0.000E+00
  237
                                   2.170E+00
1.988E+00
2.616E+00
  238
               0,000E+00
               0.000E+00
0.000E+00
  239
  240
                                   2.300E+00
3.001E+00
2.454E+00
2.817E+00
               0.000E+00
  242
243
               0.000E+00
0.000E+00
               0.000E+00
               0.000E+00
0.000E+00
                                   2.146E+00
9.405E-02
  245
  246
               0.000E+00
                                   1.053E-01
                                   1.167E-01
               0.000E+00
0.000E+00
  248
  249
               0.000E+00
                                   1.012E-01
DEN QUEEN MINING SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 (subjut File: g:\ace\GQ91\GQPACE.OUT)
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                               11/07/95 09:41:42
                                                                                                                                                                                                  Page -
ut File: g:\ace\GQ91\GQPACE.DAT
               0.000E+00
  252
253
254
               0.000E+00
0.000E+00
0.000E+00
                                   1.093E-01
1.145E-01
1.125E-01
                                   1.132E-01
1.144E-01
1.134E-01
               0.000E+00
0.000E+00
0.000E+00
  255
  256
257
               0.000E+00
0.000E+00
0.000E+00
                                   1.093E-01
1.019E-01
  258
  259
                                   9.158E-02
  260
                                   8.304E-02
7.729E-02
7.825E-02
                0.000E+00
  261
  262
               0.000E+00
0.000E+00
  263
                                   8.491E-02
9.378E-02
                0.000E+00
  265
               0.000E+00
0.000E+00
                                    1.066E-01
  266
                                   1.163E-01
1.215E-01
1.194E-01
                0.000E+00
  268
               0.000E+00
                0.000E+00
  269
                                    1.164E-01
1.159E-01
1.035E-01
                0.000E+00
  271
272
               0.000E+00
0.000E+00
                                   8.581E-02
7.428E-02
7.325E-02
8.124E-02
   273
                0.000E+00
                0.000E+00
               0.000E+00
  275
276
               0.000E+00
                                    8.783E-02
9.336E-02
9.960E-02
                0.000E+00
                0.000E+00
  278
279
                0.000E+00
                0.000E+00
                                    1.076E-01
1.158E-01
1.216E-01
   281
                0.000E+00
                0.000E+00
  282
   283
                0.000E+00
                                    1.221E-01
                                    1.261E-01
1.269E-01
   284
                0.000E+00
                0.000E+00
  285
                                    1.269E-01
1.260E-01
1.206E-01
1.110E-01
9.874E-02
9.057E-02
   286
                0.000E+00
                0.000E+00
0.000E+00
   287
   288
   289
                0.000E+00
   290
                0.000E+00
                0.000E+00
                                    8.652E-02
   291
                                    9.177E-02
1.009E-01
   292
                0,000E+00
                0.000E+00
  293
                                    1.112E-01
1.191E-01
1.236E-01
   294
                0.000E+00
                0.000E+00
0.000E+00
   296
```

1.218E-01

```
298
                    0.000E+00
                                        1.137E-01
                    0.000E+00
0.000E+00
                                        1.058E-01
9.514E-02
      299
      300
                    0.000E+00
                                        8.589E-02
      301
                    0.000E+00
                                        7.584E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10

**Input File: g:\ace\GQ91\GQPACE.DAT

Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 161
Input File: g:\ace\GQ91\GQPACE.DAT
                                        7.389E-02
7.954E-02
                    0.000E+00
0.000E+00
      304
      305
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                        8.782E-02
      306
                                        9.677E-02
1.055E-01
      307
      308
      309
                                        1.136E-01
                                        1.136E-01
1.252E-01
1.341E-01
1.372E-01
1.418E-01
1.425E-01
1.342E-01
1.215E-01
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
      310
      311
      313
      314
315
                    0.000E+00
      316
317
                   0.000E+00
0.000E+00
                                        1.085E-01
1.005E-01
                    0.000E+00
                   0.000E+00
0.000E+00
      319
320
                                        1.003E-01
1.007E-01
1.099E-01
1.202E-01
1.285E-01
                    0.000E+00
0.000E+00
0.000E+00
      322
       323
                    0.000E+00
0.000E+00
0.000E+00
                                        1.317E-01
1.268E-01
1.184E-01
       324
      325
       326
                                        1.184E-01
1.073E-01
9.629E-02
8.451E-02
7.499E-02
6.789E-02
6.114E-02
7.515E-02
8.432E-02
                    0.000E+00
0.000E+00
0.000E+00
      328
       329
       330
                    0.000E+00
                    0.000E+00
0.000E+00
      331
                    0.000E+00
      333
                    0.000E+00
0.000E+00
      334
                                         9.092E-02
                    0.000E+00
0.000E+00
0.000E+00
                                        1.013E-01
1.129E-01
       336
       337
                                        1.235E-01
                                        1.363E-01
1.486E-01
                    0.000E+00
0.000E+00
0.000E+00
       339
       340
                                         1.551E-01
                    0.000E+00
0.000E+00
0.000E+00
                                        1.609E-01
1.631E-01
      342
      343
                                        1.611E-01
1.501E-01
1.339E-01
       345
                    0.000E+00
                    0.000E+00
0.000E+00
       346
                                         1.214E-01
1.149E-01
                    0.000E+00
0.000E+00
0.000E+00
       348
                                         1.215E-01
       349
                                         1.329E-01
       350
                                         1.422E-01
1.454E-01
1.390E-01
                    0.000E+00
0.000E+00
0.000E+00
       351
       352
       354
                    0.000E+00
                                         1,267E-01
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                          11/07/95 09:41:42 Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00
                    0.000E+00
0.000E+00
0.000E+00
                                        1.002E-01
8.767E-02
7.719E-02
       357
       358
       359
                    0.000E+00
                                         6.918E-02
                                         6.203E-02
5.644E-02
                    0.000E+00
0.000E+00
       360
       361
                                         7.720E-02
                    0.000E+00
                                         8.643E-02
9.688E-02
                    0.000E+00
0.000E+00
       363
       364
                    0.000E+00
                                         1.056E-01
                                         1.195E-01
1.343E-01
                    0.000E+00
0.000E+00
       366
       367
                    0.000E+00
                                         1.498E-01
       368
       369
                    0.000E+00
                                         1.650E-01
1.766E-01
                    0.000E+00
       370
                    0.000E+00
                                         1.841E-01
                    0.000E+00
0.000E+00
                                         1.878E-01
1.841E-01
       372
       373
                    0.000E+00
                                         1.689E-01
                                         1.509E-01
1.382E-01
       375
                    0.000E+00
                    0.000E+00
0.000E+00
       376
       377
                                         1.380E-01
       378
                    0.000E+00
                                         1.490E-01
1.595E-01
       379
                    0.000E+00
0.000E+00
                                        1.635E-01
1.570E-01
       380
       381
                    0.000E+00
                    0.000E+00
                                         1.419E-01
       382
                    0.000E+00
       383
                                         1.081E-01
9.311E-02
                    0.000E+00
0.000E+00
       384
       385
```

8.154E-02

```
0.000E+00
                                       7.199E-02
      387
                                       6 401E-02
5 775E-02
5 202E-02
                   0.000E+00
0.000E+00
      388
      389
                   0.000E+00
                   0.000E+00
0.000E+00
                                       8.038E-02
      391
                                       8.885E-02
      392
                   0.000E+00
0.000E+00
0.000E+00
                                       1.003E-01
                                       1.133E-01
      394
      395
                                       1.270E-01
                   0.000E+00
0.000E+00
0.000E+00
                                       1.447E-01
1.640E-01
      397
                                       1.856E-01
      398
                                       2.032E-01
2.141E-01
2.204E-01
                    0.000E+00
      399
                   0.000E+00
0.000E+00
      400
      401
                                       2 140E-01
1 935E-01
1 754E-01
      402
                    0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
      403
      404
                                       1.641E-01
1.708E-01
                    0.000E+00
      406
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 163
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       1.826E-01
1.882E-01
1.798E-01
      408
      409
                                        1.609E-01
       410
                                        1.398E-01
      411
      412
                                        1.189E-01
                                        1.015E-01
8.743E-02
      414
415
                                        7.600E-02
                   0.000E+00
0.000E+00
0.000E+00
                                        6.717E-02
5.982E-02
       417
       418
                                        5.271E-02
                    0.000E+00
0.000E+00
0.000E+00
                                        4.605E-02
8.380E-02
       419
       420
                                       9 338E-02
1 052E-01
       421
                    0.000E+00
       422
                    0.000E+00
                                        1.188E-01
       423
                                        1.346E-01
1.556E-01
1.796E-01
                    0.000E+00
                    0.000E+00
0.000E+00
       425
       426
                                        2.094E-01
2.363E-01
2.551E-01
       427
                    0.000E+00
                    0.000E+00
0.000E+00
       428
       429
                                        2.648E-01
2.526E-01
2.287E-01
                    0.000E+00
       430
                    0.000E+00
0.000E+00
0.000E+00
       431
       432
                                        2.091E-01
       433
                                        2.091E-01
2.043E-01
2.150E-01
2.195E-01
2.106E-01
1.867E-01
                    0.000E+00
0.000E+00
0.000E+00
       434
       435
       436
                    0.000E+00
0.000E+00
       437
       438
                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                        1.599E-01
1.328E-01
       439
       440
                                        1.116E-01
       441
                                        9.413E-02
8.067E-02
7.081E-02
                    0.000E+00
0.000E+00
0.000E+00
       443
       444
                                        6.165E-02
                                        5.312E-02
4.594E-02
       446
                    0.000E+00
                    0.000E+00
0.000E+00
       447
448
                                        4.028E-02
                                        8.444E-02
9.659E-02
                     0.000E+00
                    0.000E+00
0.000E+00
       450
                                        1.090E-01
       451
                     0.000E+00
                                        1.248E-01
1.449E-01
       453
                    0.000E+00
0.000E+00
                                        1.662E-01
       454
                                        1.966E-01
2.375E-01
2.800E-01
        455
                     0.000E+00
       456
457
                    0.000E+00
0.000E+00
                     0.000E+00
                                        3.099E-01
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, FM10 Nuput File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                     11/07/95 09:41:42 Page - 164
                     0.000E+00
                                        3.075E-01
2.824E-01
2.606E-01
2.613E-01
                     0.000E+00
       460
        461
                     0.000E+00
                     0 000E+00
       462
463
                     0.000E+00
                                        2.637E-01
2.517E-01
                     0.000E+00
                     0.000E+00
        465
                     0.000E+00
                                         2.211E-01
        466
                     0.000E+00
                                        1.863E-01
1.519E-01
        468
                     0.000E+00
                     0.000E+00
                                         1.245E-01
        469
                     0.000E+00
0.000E+00
                                         1.025E-01
8.700E-02
        471
                     0.000E+00
                                         7.434E-02
                     0.000E+00
0.000E+00
                                         6.310E-02
5.383E-02
```

```
4.142E-02
3.775E-02
8.684E-02
9.875E-02
       476
                     0.000E+00
       477
478
                     0,000E+00
                     0.000E+00
       479
                     0.000E+00
                                           1,127E-01
1,300E-01
1,518E-01
1,795E-01
       480
                     0.000E+00
0.000E+00
       481
       482
                     0.000E+00
       483
                     0.000E+00
                     0.000E+00
0.000E+00
                                           2.168E-01
       484
                                           2.671E-01
3.422E-01
3.973E-01
       485
                     0.000E+00
0.000E+00
       486
       487
                     0.000E+00
                                            3.636E-01
       488
                     0.000E+00
0.000E+00
                                           3.397E-01
3.358E-01
       489
       490
                      0.000E+00
                                            3.094E-01
       491
                                           2.669E-01
2.221E-01
                     0.000E+00
0.000E+00
       492
       493
                                           1.764E-01
1.392E-01
1.136E-01
                      0.000E+00
                     0.000E+00
0.000E+00
       495
       496
                                           9.423E-02
7.827E-02
                      0.000E+00
       498
                     0.000E+00
0.000E+00
       499
                      0.000E+00
                                            5.560E-02
       500
                                           4.901E-02
4.431E-02
4.077E-02
                     0.000E+00
0.000E+00
0.000E+00
       501
502
       503
                                           4.077E-02
3.800E-02
8.513E-02
9.919E-02
1.157E-01
1.336E-01
1.592E-01
                      0.000E+00
0.000E+00
       504
505
                      0.000E+00
0.000E+00
0.000E+00
       506
       507
       508
       509
                      0.000E+00
                                            1.890E-01
                      0.000E+00
       510
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 165
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                           2.355E-01
2.960E-01
       512
513
                                            8.177E-01
4.904E-01
4.655E-01
       514
515
                                            4.146E-01
3.380E-01
2.717E-01
       516
                      0.000E+00
                      0.000E+00
0.000E+00
       518
                      0.000E+00
                                            2.080E-01
                      0.000E+00
0.000E+00
0.000E+00
       520
                                            1.604E-01
1.276E-01
       521
                                            1.020E-01
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
       523
                                            8.282E-02
                                            6.924E-02
5.970E-02
5.341E-02
       524
525
       526
527
                                            4.861E-02
                     0.000E+00
0.000E+00
0.000E+00
                                            4.476E-02
4.154E-02
       529
530
                                            3.882E-02
7.764E-02
       531
                      0.000E+00
0.000E+00
0.000E+00
                                            9.312E-02
1.113E-01
       532
       533
534
                                            1.322E-01
1.580E-01
1.942E-01
2.438E-01
                      0.000E+00
       535
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
       536
537
                                            8.548E-01
7.757E-01
6.780E-01
       539
540
                                            3.767E-01
2.561E-01
1.902E-01
                      0.000E+00
       542
543
                      0.000E+00
0,000E+00
       544
545
546
                      0.000E+00
                                            1.420E-01
                                            1.107E-01
8.959E-02
7.556E-02
                      0.000E+00
0.000E+00
                      0,000E+00
       548
549
550
                      0.000E+00
0.000E+00
0.000E+00
                                            6.608E-02
5.914E-02
                                             5.370E-02
                                            4.931E-02
4.564E-02
       551
552
                      0.000E+00
0.000E+00
       553
                      0.000E+00
                                             4.247E-02
       554
555
                      0.000E+00
0.000E+00
                                            3,969E-02
                                            6.823E-02
8.151E-02
       556
                      0.000E+00
       557
                      0.000E+00
                                             9.971E-02
       558
559
                      0.000E+00
0.000E+00
                                            1.196E-01
1.466E-01
        560
                      0.000E+00
                                            1.850E-01
       561
                      0.000E+00
                                            3.353E-01
5.645E-01
                      0.000E+00
LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2580 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 166
                      0.000E+00
                                          1.616E+00
1.931E+00
       563
                      0.000E+00
       564
```

```
0.000E+00
0.000E+00
0.000E+00
                                       1.697E+00
3.746E-01
      565
566
                                       2.386E-01
1.665E-01
      568
                    0.000E+00
                                       1.243E-01
1.006E-01
8.574E-02
7.545E-02
      569
570
                    0.000E+00
                    0.000E+00
      571
572
                   0.000E+00
0.000E+00
                                       6.728E-02
6.076E-02
5.512E-02
5.001E-02
                   0.000E+00
0.000E+00
0.000E+00
      574
575
      576
                    0.000E+00
                                        4.531E-02
4.104E-02
                   0.000E+00
0.000E+00
      577
578
                                        3.724E-02
5.696E-02
                    0.000E+00
                    0.000E+00
      580
                                        6.717E-02
7.943E-02
9.721E-02
                    0.000E+00
       581
                    0.000E+00
                   0.000E+00
0.000E+00
       583
                                        1.260E-01
       584
                   0.000E+00
0.000E+00
                                        1.651E-01
3.280E-01
       586
                    0.000E+00
                                        5,713E-01
       587
                                        1.621E+00
3.812E-01
                   0.000E+00
0.000E+00
0.000E+00
       588
       589
                                        1.949E-01
       590
                                        1.464E-01
1.188E-01
      591
592
                   0.000E+00
0.000E+00
                                        9.997E-02
8.564E-02
7.402E-02
       593
                    0.000E+00
                    0.000E+00
0.000E+00
       594
       595
                    0.000E+00
                                        6.423E-02
                    0.000E+00
0.000E+00
       597
                                        5.603E-02
                                        4.927E-02
       598
                    0.000E+00
                                        4.368E-02
                                        3.920E-02
3.940E-02
3.236E-02
4.834E-02
5.631E-02
       600
                    0.000E+00
0.000E+00
       601
                    0.000E+00
                    0.000E+00
0.000E+00
       603
       604
                    0.000E+00
0.000E+00
0.000E+00
                                        6.814E-02
8.313E-02
       605
       606
       607
                                        1.036E-01
                                        1.358E-01
       608
                    0.000E+00
                    0.000E+00
0.000E+00
                                        1.950E-01
       609
                                        4.834E-01
2.517E-01
1.743E-01
1.338E-01
       610
                    0.000E+00
                    0.000E+00
0.000E+00
       612
       613
                    0.000E+00
                                        1.066E-01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                        11/07/95 09:41:42 Page -
                                        8.699E-02
7.313E-02
6.278E-02
5.509E-02
4.919E-02
                    0.000E+00
                    0.000E+00
0.000E+00
0.000E+00
       617
618
                    0.000E+00
0.000E+00
0.000E+00
       619
                                         4.453E-02
       620
       621
                                         4.075E-02
                    0.000E+00
0.000E+00
0.000E+00
                                        3.755E-02
       622
                                         3.491E-02
       623
       624
                                        3.341E-02
                                        4.311E-02
4.776E-02
                    0.000E+00
                    0.000E+00
       626
                                         5,365E-02
       627
       628
                    0.000E+00
                                         6,283E-02
                                        7.832E-02
1.054E-01
       629
                    0.000E+00
       630
                    0.000E+00
0.000E+00
                                        1.526E-01
2.520E-01
3.170E-01
       631
       632
                    0.000E+00
                    0.000E+00
0.000E+00
       633
634
                                         1.957E-01
                    0.000E+00
0.000E+00
0.000E+00
                                        1.447E-01
1.139E-01
       636
                                         9.352E-02
       637
                    0.000E+00
0.000E+00
0.000E+00
                                        7.958E-02
6.893E-02
       639
                                         6.045E-02
       640
                    0.000E+00
0.000E+00
0.000E+00
                                         5.370E-02
4.830E-02
       642
643
                                         4.378E-02
       644
                    0.000E+00
                                         3.999E-02
                    0.000E+00
0.000E+00
                                         3.674E-02
3.406E-02
       645
       646
                    0.000E+00
                                         3.166E-02
                    0.000E+00
0.000E+00
                                         3.538E-02
3.959E-02
       648
       649
       650
                    0.000E+00
                                         4.495E-02
                    0.000E+00
0.000E+00
0.000E+00
       651
                                         5.219E-02
6.320E-02
       652
       653
                                         7.871E-02
       654
655
                    0.000E+00
0.000E+00
0.000E+00
                                         1.051E-01
1.605E-01
6.592E-01
       656
                    0.000E+00
                                         4.227E-01
```

```
0.000E+00
0.000E+00
                                      2.515E-01
1.670E-01
      659
                                      1.231E-01
9.712E-02
      660
                   0.000E+00
      661
                   0.000E+00
                   0.000E+00
                                       8.002E-02
      662
                   0.000E+00
                                       6.830E-02
      663
                   0.000E+00
0.000E+00
                                      6.280E-02
5.394E-02
      665
                   0.000E+00
                                      4.648E-02
      666
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 168
                                                                                                                                                                 11/07/95 09:41:42 Page - 168
                                      4.185E-02
3.794E-02
3.470E-02
3.201E-02
                   0.000E+00
      667
                   0.000E+00
0.000E+00
       668
      669
670
                   0.000E+00
                                      2.973E-02
2.775E-02
3.150E-02
                    0.000E+00
                   0.000E+00
0.000E+00
      672
673
                                      3.521E-02
4.008E-02
4.700E-02
                   0.000E+00
       674
      675
676
                   0.000E+00
0.000E+00
                                       5.647E-02
7.151E-02
9.620E-02
       677
                    0.000E+00
                   0.000E+00
0.000E+00
      678
679
                   0.000E+00
0.000E+00
                                      1.308E-01
2.501E-01
       681
       682
                    0.000E+00
                                       4.710E-01
                   0.000E+00
0.000E+00
0.000E+00
                                       4.946E-01
4.716E-01
       683
       684
       685
                                       3.062E-01
       686
                   0.000E+00
0.000E+00
0.000E+00
                                      2.153E-01
1.552E-01
       687
       688
                                       1.161E-01
                                      9.093E-02
7.561E-02
6.441E-02
5.579E-02
       689
                    0.000E+00
                    0.000E+00
       690
                   0.000E+00
0.000E+00
       691
       692
       693
                    0.000E+00
                                       4.968E-02
                                      4.424E-02
3.963E-02
3.596E-02
3.280E-02
                   0.000E+00
0.000E+00
       695
                    0.000E+00
       696
       697
                   0.000E+00
0.000E+00
                                       3.003E-02
2.762E-02
       698
       699
                    0.000E+00
                   0.000E+00
0.000E+00
                                       2.806E-02
3.170E-02
       700
       701
702
703
704
705
                    0.000E+00
                                       3.638E-02
                   0.000E+00
0.000E+00
                                       4.268E-02
4.942E-02
                    0.000E+00
                                       5.732E-02
                                       6.733E-02
8.046E-02
       706
707
                   0.000E+00
0.000E+00
       707
708
709
710
711
712
                                       1.161E-01
2.086E-01
                    0.000E+00
                    0.000E+00
                                       3.176E-01
                   0.000E+00
                    0.000E+00
                                       3.615E-01
                                       3.480E-01
2.527E-01
                    0.000E+00
       713
714
                   0.000E+00
                                       1.901E-01
                    0.000E+00
                    0.000E+00
                                       1.441E-01
1.145E-01
       716
717
                    0.000E+00
                    0.000E+00
                                       8.883E-02
                    0.000E+00
                                       7.282E-02
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 169
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00
                                       6.083E-02
                                       5.293E-02
4.708E-02
       720
                    0.000E+00
       721
722
723
                    0.000E+00
                    0.000E+00
0.000E+00
                                       4.210E-02
3.822E-02
       724
                    0.000E+00
                                       3.523E-02
3.255E-02
       725
726
                    0.000E+00
                                       3.255E-02
3.019E-02
2.793E-02
2.584E-02
3.585E-02
                    0.000E+00
       727
                    0.000E+00
       728
729
                    0.000E+00
0.000E+00
       730
                    0.000E+00
                                       3.942E-02
                                       4.289E-02
4.714E-02
5.037E-02
       731
732
                    0.000E+00
0.000E+00
       733
                    0.000E+00
                                       5.775E-02
7.159E-02
       734
735
                    0.000E+00
                    0.000E+00
       736
                    0.000E+00
                                       1.130E-01
       737
738
                    0.000E+00
                                       1.822E-01
                                       2.461E-01
2.716E-01
2.732E-01
2.157E-01
                    0.000E+00
       739
                    0.000E+00
       740
741
742
                    0.000E+00
                    0.000E+00
                    0.000E+00
                                       2.020E-01
       743
744
                    0.000E+00
0.000E+00
                                       1.443E-01
1.070E-01
                    0.000E+00
                                       8.893E-02
```

7.227E-02

```
6.062E-02
5.205E-02
4.512E-02
      747
748
                   0.000E+00
      749
                   0.000E+00
                                       4.021E-02
                   0.000E+00
      750
751
                   0.000E+00
                                       3.649E-02
3.326E-02
      752
753
754
                   0.000E+00
                   0.000E+00
                                       3.071E-02
                                      2.889E-02
2.910E-02
2.585E-02
3.596E-02
3.831E-02
                   0.000E+00
      755
                   0.000E+00
0.000E+00
      756
      757
                   0.000E+00
      758
759
760
                   0.000E+00
                   0.000E+00
                                       3.866E-02
                                       4.031E-02
4.464E-02
5.214E-02
7.627E-02
1.070E-01
                   0.000E+00
                   0.000E+00
      761
762
                   0.000E+00
       763
                   0.000E+00
      764
765
                   0.000E+00
                                       1.601E-01
2.043E-01
2.169E-01
2.165E-01
2.047E-01
1.910E-01
                   0.000E+00
       766
                    0.000E+00
                   0.000E+00
       767
                    0.000E+00
       768
                    0.000E+00
                    0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                    11/07/95
                                                                                                                                                                                     09:41:42 Page - 170
                                       1.884E-01
1.253E-01
1.021E-01
                    0.000E+00
0.000E+00
      771
772
773
                    0.000E+00
                                       8.588E-02
7.251E-02
                    0.000E+00
0.000E+00
       775
776
777
                                        6.119E-02
5.211E-02
4.552E-02
                    0.000E+00
                    0.000E+00
0.000E+00
       778
       779
                    0.000E+00
                                        3.999E-02
                    0.000E+00
0.000E+00
                                        3.566E-02
3.248E-02
       780
       781
                                       2.968E-02
2.765E-02
2.960E-02
2.402E-02
3.318E-02
       782
                    0.000E+00
       783
784
785
                    0.000E+00
0.000E+00
                    0.000E+00
                    0.000E+00
0.000E+00
       786
787
                                        3.312E-02
       788
                    0.000E+00
                                        3.283E-02
3.682E-02
       789
790
                    0.000E+00
0.000E+00
                                        4.132E-02
       791
792
793
                                        5.552E-02
7.481E-02
                    0.000E+00
                    0.000E+00
0.000E+00
                                        1.029E-01
                                        1.452E-01
1.726E-01
1.788E-01
1.759E-01
1.691E-01
       794
                    0.000E+00
                    0.000E+00
0.000E+00
       795
       796
797
                    0.000E+00
                    0.000E+00
0.000E+00
       798
                                        1.606E-01
       799
                    0.000E+00
                                        1.427E-01
       800
                                        1.187E-01
9.786E-02
                    0.000E+00
0.000E+00
       801
       802
                                        8.237E-02
7.153E-02
6.114E-02
                    0.000E+00
       803
                    0.000E+00
0.000E+00
0.000E+00
       804
       805
                                        5.257E-02
4.543E-02
       806
       807
                    0.000E+00
0.000E+00
       808
                                        3.592E-02
3.217E-02
                    0.000E+00
       809
       810
                    0.000E+00
                    0.000E+00
                                        2.949E-02
       811
                                        2.721E-02
2.508E-02
2.309E-02
                    0.000E+00
       812
                     0.000E+00
                    0.000E+00
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E+00

0.000E+00

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 171 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *
Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT Input File: g:\ace\GQ91\GQPACE.DAT

**** RECEPTOR TOTAL CANCER RISK AND EXCESS BURDEN ***

CEPTOR	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM	POPULATION	BURDEN
1 2 3 4	7.578E-08 7.536E-08	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		0.000E+00 0.000E+00	0.000E+00 0.000E+00	7.461E-08 7.578E-08 7.536E-08 1.224E-07	0	0.000E+00 0.000E+00 0.000E+00 0.000E+00

```
0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                          1.217E-07
1.100E-07
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
               1.217E-07
                                                                                                           0.000E+00
0.000E+00
               1.100E-07
8.559E-08
                                                                                                                           8.559E-08
8.912E-08
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                                                                                                                        0 000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                              0.000E+00
                                              0.000E+00
               8.912E-08
                               0.000E+00
                                                                                                                           9.301E-08
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
                                              0.000E+00
                                                              0,000E+00
                                                                                                           0.000E+00
                               0.000E+00
               9.301E-08
                                                                                                           0.000E+00
                                                                                                                           1.511E 07
                                                                                                                                                        0.000E+00
                1.511E-07
                               0.000E+00
                                              0.000E100
                                                             U.000E+00
O.000E+00
                                                                                                                                                        0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           4.368E-08
                                              0.000E+00
                               0.000E+00
                4.368E-08
                                                                                                                           1.816E-07
                                                                                                                                                        0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
               1.816E-07
       12
                                                                            0.000E+00
0.000E+00
                                                                                                                           1.326E-07
                                                                                                                                                        0.000E+00
                                                                                                           0.000E+00
                                              0.000E+00
0.000E+00
                1.326E-07
                               0.000E+00
                                                              0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                           1.348E-07
                                                              0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                               0.000E+00
                1.348E-07
                                                                                                                           1,352E-07
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
               1.352E-07
                               0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                                                                           1.538E-07
                                                                                                           0.000E+00
                                                                                                                                                        0.000E+00
                                                              0.000E+00
                1.538E-07
                               0.000E+00
                                              0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                           5.136E-08
8.579E-08
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
               5.136E-08
8.579E-08
9.384E-08
                                                              0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                               0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                           9.384E-08
                                                                                                                                                        0.000E+00
                                                             0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                           0.000E+00
                                                                                                                           1.226E-07
                                              0.000E+00
                1.226E-07
                               0.000E+00
                               0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           7.160E-08
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
               7.160E-08
6.905E-08
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           6.905E-08
                                              0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
        22
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           6.591E-08
6.236E-08
                                                                             0.000E+00
                6.591E-08
                               0.000E+00
               6.236E-08
5.833E-08
6.678E-08
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                           5.833E-08
                                                             0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                                           6.678E-08
6.289E-08
                                                                                                           0.000E+00
0.000E+00
                                                                             0.000E+00
                6.289E-08
5.703E-08
                                                              0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
        27
                                                                                                                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           5.703E-08
                                              0.000E+00
                               0.000E+00
                                                                                                                           6.225E-08
6.707E-08
7.228E-08
               6.225E-08
6.707E-08
7.228E-08
7.869E-08
7.303E-08
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
        29
                                                                                                                                                        0.000E+00
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
        30
                                                                                                                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
        31
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           7.869E-08
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
        32
                                                                                                                           7.303E-08
                                                                                                                                                        0.000E+00
                                                                                            0.000E+00
                                                              0.000E+00
0.000E+00
                               0.000E+00
                                               0.000E+00
                                                                             0.000E+00
        33
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           6.599E-08
8.287E-08
                                                                                                                                                        0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                6.599E-08
                                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                               0.000E+00
                8.287E-08
1.028E-07
        35
                                                                                                                           1.028E-07
                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0 000E+00
        36
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                           1.505E-07
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                1.505E-07
                               0.000E+00
0.000E+00
                                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           1.456E-07
1.407E-07
                                               0.000E+00
                                                                             0.000E+00
        38
                1.456E-07
                                                                                                                                                        0.000E+00
                1.407E-07
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
        39
                                                                                                                           1.484E-07
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                        0.000E+00
                1.484E-07
                               0.000E+00
                                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 172
                                                                                                                                                                                 172
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                        0.000E+00
                                                                                             0.000E+00
                                                                                                           0.000E+00
                                               0.000E+00
                                                                             0.000E+00
                                                              0.000E+00
                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           1.497E-07
1.466E-07
1.098E-07
                                                                                                                                                        0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                                                    Ω
                1.497E-07
1.466E-07
                               0.000E+00
0.000E+00
                                               0.000E+00
        42
                                               0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
        43
                                                                                                                                                        0.000E+00
                                                              0.000E+00
                1.098E-07
                               0.000E+00
                                               0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           9.366E-08
1.474E-07
1.842E-07
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                               0.000E+00
                                                              0.000E+00
                9.366E-08
                               0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                               0.000E+00
                                                              0.000E+00
                1.474E-07
        46
                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                               0.000E+00
                                                                                                                           1.998E-07
1.950E-07
1.909E-07
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                1.998E-07
                                                                                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                1.950E-07
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
        49
50
                                                                                                                                                         0.000E+00
                1.909E-07
                               0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                           1.877E-07
1.784E-07
1.656E-07
                                                                                                                                                         0 000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                              0.000E+00
                               0.000E+00
0.000E+00
                1.877E-07
                                                                                                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                1.784E-07
        52
                                                                                                                                                         0.000E+00
                1.656E-07
                               0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                           1.390E-07
1.208E-07
1.075E-07
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                1.390E-07
1.208E-07
                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                               0.000E+00
        55
                                                                                                                                                         0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                1.075E-07
                                               0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                           9.663E-08
8.808E-08
8.622E-08
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
        57
58
                9.663E-08
8.808E-08
                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                               0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
                8.622E-08
                               0.000E+00
0.000E+00
                                               0.000E+00
                                                                                                                           9.306E-08
9.232E-08
                                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                9.306E-08
        60
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                9.232E-08
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                                                                                                                           1.014E-07
1.125E-07
1.271E-07
1.478E-07
        61
                                                                                                                                                         0.000E+00
                                                              0.000E+00
                1.014E-07
                               0.000E+00
                                               0.000E+00
                                               0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                                                              0.000E+00
                1.125E-07
                               0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                              0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                1.271E-07
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                               0.000E+00
                                               0.000E+00
                                                              0.000E+00
                1.478E-07
        65
                                                                                                                           1.667E-07
1.998E-07
2.503E-07
                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                1.667E-07
                                               0.000E+00
0.000E+00
                                0.000E+00
        66
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                1.998E-07
                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                2.503E-07
                                               0.000E+00
                                                               0.000E+00
        68
                                                                                                                           3.454E-07
4.683E-07
3.847E-07
                                                                                             0.000E+00
                                                                                                                                                         0.000E+00
                3.454E-07
                                0.000E+00
                                               0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
        ŻĎ.
                4.683E-07
                                                                                                                                                         0.000E+00
                3.847E-07
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           2.581E-07
                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                2.581E-07
                                0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                           2.128E-07
1.774E-07
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                2.128E-07
1.774E-07
                                                                                                            0.000E+00
                                                                                             0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                                                           2.268E-07
2.259E-07
2.928E-07
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                2.268E-07
                                                                                                                                                         0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                2.259E-07
                                                                                                                                                         0.000E+00
                2.928E-07
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            2.856E-07
                                                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                2.856E-07
                                                                                                            0.000E+00
0.000E+00
                                                                                                                           2.237E-07
1.733E-07
                                                                                                                                                         0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                2.237E-07
1.733E-07
                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
        80
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           1.360E-07
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
                1.360E-07
                                0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
        81
                                                                                                                           1.072E-07
1.317E-07
1.425E-07
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                1.072E-07
1.317E-07
                                0.000E+00
0.000E+00
        82
                                                                                                                                                         0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                            0.000E+00
        83
                                                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
                                0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                            1.282E-07
                                                                                                                                                         0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
                 1.282E-07
                                0.000E+00
                                                                                                                                                         0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            1.473E-07
                1.473E-07
        86
                                                                                                                            1.477E-07
1.763E-07
                                                                                                             0.000E+00
                                                                                                                                                         0.000E+00
        87
                1.477E-07
                                0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                         0.000E+00
                                                               0.000E+00
                 1.763E-07
                                0.000E+00
                                               0.000E+00
                                                                                                                            1.342E-07
1.516E-07
1.940E-07
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                     0
                                               0.000E+00
                                                               0.000E+00
                                0.000E+00
        89
                1.342E-07
1.516E-07
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                              0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                0.000E+00
                                               0.000E+00
                                                               0.000E+00
        90
                                                               0.000E+00
                                                                                                                                                         0.000E+00
                 1.940E-07
1.933E-07
                                0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
                                0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                            1.933E-07
                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
11/07/95 09:41:42 Page - 17
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQFACE.DAT
                1.994E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.994E-07
                                                                                                                                                    0 0 000E+00
```

```
2.071E-07
2.106E-07
2.170E-07
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
               2.071E-07
2.106E-07
                              0.000E+00
                                             0,000E+00
                                                                                          0.000E+00
                                                                                                         0.00DE+00
                                             0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                    0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.00000
               2.170E-07
2.570E-07
                              0.000E+00
                                                                                                                        2.570E-07
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                                                                                                        3.229E-07
4.079E-07
                                                                                                                                                    0.000E+00
                                                                           0.000E+00
                                                                                          n nnnr+od
                                                                                                         0.000E+00
                                                            0.000E+00
               3.229E-07
                              0.000E+00
                                             0.000E+00
                                                                                                                                                    0.000E100
                                                                           U.000E+UU
0.000E+00
0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
       99
               4.079E-07
                                                                                                         0.000E+00
                                                                                                                        4.140E-07
3.277E-07
                                                                                                                                                    0.000E+00
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                            0.000E+00
      100
                                                                                                                                                    0.000E+00
                                                            0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               3.277E-07
                              0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                        2.556E-07
               2.556E-07
2.540E-07
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            0.000E+00
      102
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                        2.540E-07
                                                            0.000E+00
                              0.000E+00
                                             0.000E+00
      103
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        2.356E-07
2.200E-07
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                              0.000E+00
0.000E+00
               2.356E-07
                                                                                                                                                    0.000E+00
               2.200E-07
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
      105
                                                                                                                        2.177E-07
2.157E-07
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                                            0.000E+00
               2.177E-07
      106
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                              0.000E+00
0.000E+00
               2.157E-07
                                                                                                                        4.179E-07
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
               4-179E-07
      108
                                                                                                                        3.235E-07
                                                                                                                                                    0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
               3.235E-07
                              0.000E+00
                                                            0.000E+00
      109
                                                                                                                        2.604E-07
3.030E-07
                                                                                                                                                    0.000E+00
                                                            G.DD0E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
               2.604E-07
3.030E-07
                              0.000E+00
0.000E+00
      110
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                        3.892E-07
                                                                           0.000E+00
                                             0.000E+00
               3.892E-07
                              0.000E+00
                                                            0.00DE+00
      112
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        4.656E-07
                              0.000E+00
                4.656E-07
                                                                                                                        8.442E-07
                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
               8.442E-07
5.927E-07
3.871E-07
                                                                           0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                        5.927E-07
                              0.000E+00
                                             Q.000E+00
                                                            0.0002+00
      115
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        3.871E-07
                                                            0.000E+00
                                                                           0.000E+00
                                             0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                        5,042E-07
                                                                                                                                                    0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                5.042E-07
      117
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        8,916E-07
3,806E-07
               8.916E-07
3.806E-07
                                                            0.000E+00
                              0.000E+00
                                             0.000E+00
      118
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                                                                        3.681E-07
                                                            0.000E+00
0.000E+00
                3.681E-07
                               0.000E+00
                                             0.000E+00
                                                                           0.000E+00
      120
                                                                                                                        4.346E-07
4.712E-07
7.649E-07
                                                                           0.000E+00
                                             0.000£±00
                4.346E-07
                              0.000E+00
       121
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                4.712E-07
7.649E-07
                              0.000E+00
                                             0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                            0,000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                           0.000E+00
      123
                                                                                                                        6.588E-07
9.350E-07
                                                                           0,000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                              0.000E+00
0.000E+00
                                             0.000E+00
                6.588E-07
                                                                                                         0.000E+00
                                              0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                9.350E-07
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                        1.433E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                1.433E-06
                                                            0.000E+00
0.000E+00
                               0.000E+00
                                             0.000E+00
      126
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                        1.604E-06
1.213E-06
                                                                           0.000E+00
                                                                                          0.000E+00
                1.604E-06
                              0.000E+00
0.000E+00
                                             0.000E+00
                1.213E-06
7.300E-07
                                              0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                        7.300E-07
                               0.000E+00
                                              0.000E+00
                                                            0.000E+00
                                                                                                                        6.147E-07
6.704E-07
1.346E-06
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                6.147E-07
6.704E-07
1.346E-06
                                              0.000E+00
                               0.000E+00
                                                                                                         0.000E+00
                                              0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                               0.000E+00
       131
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                           0.000E+00
                                              0.000E+00
0.000E+00
                               0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        1.866E-06
                1.866E-06
                               0.000E+00
                                                                                                                        2.042E-06
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
0.000E+00
                               0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                              0.000E+00
                2.042E-06
9.684E-07
      134
                                                                                                                        9.684E-07
6.131E-07
6.387E-07
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
       135
                                                                                           0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                6.131E-07
                               0.000E+00
                                                                           0.000E+00
                6.387E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                           0.000E \pm 0.0
       137
                                                                                                                        5.895E-07
7.014E-07
6.241E-07
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                           0.000E+00
                5.895E-07
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                               0.000E+00
0.000E+00
                7.014E-07
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                              0.000E+00
                                                             0.000E+00
                6.241E-07
       140
                                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        6.820E-07
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                6.820E-07
                               0.000E+00
                                              0.00DE:00
                                                                                                                                                    0.000E+00
                                                                                                                        4.661E-07
3.319E-07
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                4.661E-07
                              0.000E+00
0.000E+00
       142
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                3.319E-07
       143
                                                                                                         0.000E+00
                                                                                                                        3,215E-07
                                                                                                                                                     0.000E+00
                                                            0.000E+00
                3.215E-07
                               0.000E+00
                                              0.000E+00
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                            PM10
                                                              Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                      11/07/95
                                                                                                                                                    09:41:42
                                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                       2.601E-07
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                2,681E-07
                                              0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                        2.462E-07
2.288E-07
2.165E-07
                                                            0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                2,462E-07
2,288E-07
                              0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                                                                 O
                                                                                                                                                     0.000E+00
                                              0.000E+00
0.000E+00
       146
                                                                                                                                                     0.000E+00
                                                                                          0.000E+00
0.000E+00
       147
                                                                                                                                                     0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                2.165E-07
                                              0.000E+00
       148
                                                                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        1.886E-07
                                                                                                                                                     0.000E+00
                1,886E-07
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                        1.650E-07
1.732E-07
1.844E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                               0.000E+00
0.000E+00
                1,650E-07
       150
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                                              0.000E+00
                                                             0.000E+00
                1.732E-07
       151
                                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                1.844E-07
                               0.000E+00
                                              0.000E+00
                                                                                                                        1.590E-07
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                1.590E-07
                               0.000E+00
                                                                                                                        1.421E-07
1.292E-07
                                                                                                                                                     0.000E+00
                               0.000E+00
                                                                                                         0.000E+00
0.000E+00
                1.421E-07
1.292E-07
                                                                           0.000E+00
                                                                                           0.000E+00
                                              0.000E+00
                                                             0.000E+00
       154
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                               0.000E+00
                                                             0.000E+00
       155
                                                                                                                        1.442E-07
1.583E-07
1.493E-07
                               0.000E+00
0.000E+00
0.000E+00
                                                             0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                1.442E-07
                                              0.000E+00
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                         0.000E+00
                1.583E-07
       157
                                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.0002+00
                1.493E-07
       158
                                                                                                                         1.424E-07
1.258E-07
1.190E-07
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                1.424E-07
                                              0.000E+00
                                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                1.258E-07
1.190E-07
       160
                                                                                                                                                     0.000E+00
                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
       161
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                        1.317E-07
1.514E-07
                1.317E-07
1.514E-07
1.893E-07
                               0.000E+00
0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
       163
                                                                                                                         1.893E-07
2.166E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
       164
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                2.166E-07
                               0.000E+00
                                              0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         2.041E-07
                               0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                2 041E-07
       166
                                                                                                                         1.604E-07
                                                                                                                                                     0.000E+00
                1.604E-07
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
       167
                                                                                                                         1.243E-07
1.044E-07
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                1.243E-07
1.044E-07
                               0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
       169
                                                                                                          0.000E+00
                                                                                                                         1,079E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                1.079E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
       170
                                                                                                          0.000E+00
                                                                                                                         1.129E-07
                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             0 000E+00
                 1.129E-07
                                                                                                                         1,144E-07
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                             0.000E+00
       172
                1.144E-07
                                                                                                                         1.135E-07
                                                                                                                                                     0.000E+00
                 1.135E-07
                                                                            0.000E+00
0.000E+00
       173
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                           0,000E+00
                                                                                                          0.000E+00
                                                                                                                         1.343E-07
                                                                                                                                                     0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                 1.343E-07
                               0.000E+00
                                                                                                                         1.601E-07
2.061E-07
2.362E-07
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                1.601E-07
                               0.000E+00
0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
       175
                                                                                                                                                     0.000E+00
                                                             0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                 2.061E-07
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                 2.362E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
       177
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                         2.192E-07
                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                 2.192E-07
                               0.000E+00
                                              0.000E+00
                                                             D.000E+00
                                                                                                                         2.414E-07
2.863E-07
                                                                                                                                                      0.000E+00
                                                                            0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                              0.000E+00
                                                             D.000E+00
       179
                2.414E-07
                               0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
                                              0.000E+00
                                                             D.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                 2.863E-07
       180
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         3.150E-07
                                                                                                                                                      0.000E+00
                                              0.000E+00
0.000E+00
                                                             0 000E+00
                 3.150E-07
                               0.000E+00
                                                                                                                                                     U. DUUE+UU
                                                                            0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         2.355E-07
1.715E-07
                                                             0.000E+00
                               0.000E+00
       182
                 2.355E-07
                                                                                                          0.000E+00
                 1.715E-07
                                               0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                               0.000E+00
       183
                                                                                                          0.000E+00
                                                                                                                         1.278E-07
                                                                                                                                                     0.000E+00
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0,000E+00
                 1.278E-07
                                                                                                                         1.060E-07
1.093E-07
                                                                                                                                                     0.000E+00
                                                                            0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                 1.060E-07
       185
                 1.093E-07
                               0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
```

```
1.092E-07
1.115E-07
1.135E-07
                                                                              0.000E+00 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                             0.000E+00
                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                0.000E+00
                 1.092E-07
                                0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                             0.000E+00
                 1.115E-07
1.135E-07
       188
                                                                                                                                                             0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
       189
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                               9.966E-08
                                                                                                                                                             0.000E+00
                                                 0.000E+00
                 9.966E-08
                                0.000E+00
       190
                                                                                                                                                             0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                               8.895E-08
                 8.895E-08
7.972E-08
                                0.000E+00
                                                 0.000E+00
       191
                                                                                                                               7.972E-08
                                                                                                                                                             0.000E+00
                                                                                                               0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               5.040E-07
                                                                                                                                                             0.000E+00
                 5.040E-07
4.583E-07
                                0.000E+00
       193
                                                                                                                               4.583E-07
                                                                                                                                                             0.000E+00
                                                                                               0.000E+00
0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
       194
                                                                                                                                                             0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                 4.345E-07
                                0.000E+00
                                                0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               4.252E-07
                                                                                                                                                           0.000E+00
                 4.252E-07
                                0.000E+00
       196
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                           Page -
                                                                                                                                             11/07/95
                                                                                                                                                            09:41:42
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                               4.227E-07
                                                                                0-000E+00 0-000E+00
                                                                                                               0.000E+00
                                                0.000E+00
0.000E+00
                                 0.000E+00
                                                                0.000E+00
                                                                0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
                                                                                                                               4.133E-07
                                                                                                                                                         Λ
                                                                                                                                                             0.000E+00
                                                                                0.000E+00
                 4.133E-07
4.086E-07
                                0.000E+00
                                                                                                                                                             0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                                               4.086E-07
                                                                                                                                                         0
       199
                                                                                                                               4.119E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
       200
                 4.119E-07
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                                               3.803E-07
3.548E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                 3.803E-07
       201
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
                 3.548E-07
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       202
                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                               3.527E-07
5.755E-07
5.224E-07
                                                                                                                                                             0.000E+00
                                                                0.000E+00
0.000E+00
                 3.527E-07
5.755E-07
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
       204
                                                                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                 5.224E-07
                                 0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
       205
                                                0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               5.045E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
                 5.045E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                 5.063E-07
4.896E-07
4.758E-07
                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                               5.063E-07
4.896E-07
       207
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
       208
                                                                                                                               4.758E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                               4.924E-07
                                                                                                                                                             0.000E+00
                 4.924E-07
                                                                0.000E+00
                                                                                                               0.000E+00
       210
                                                                                                                                                             0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               5.440E-07
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                               4.309E-07
                                                                                                                                                             0.000E+00
                 4.309E-07
3.890E-07
                                                 0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               3.890E-07
3.954E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       213
                 3.954E-07
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                               6.417E-07
5.883E-07
5.904E-07
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                                                             0.000E+00
                                                 0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                  6.417E-07
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                  5.883E-07
                                                                                0.000E+00
       216
                 5.904E-07
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                                                                6.168E-07
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
                  6.168E-07
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                               5.921E-07
5.653E-07
                  5.921E-07
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       219
                                                                0.000E+00
0.000E+00
                  5.653E-07
                                 0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
       220
                                                                                                                               6.749E-07
6.545E-07
4.795E-07
                                                                                0.000E+00
                 6.749E-07
6.545E-07
       221
                                 0.000E+00
0.000E+00
                                                 0 000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       222
                                                 0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
                  4.795E-07
                                 0.000E+00
       223
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                               4.351E-07
                 4.351E-07
4.832E-07
                                 0.000E+00
       224
                                                                                                                               4.832E-07
5.303E-07
                                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
       225
                  5.303E-07
                                 0.000E+00
                                                 0 000E+00
                                                                                                                               5.503E-07
4.999E-07
6.460E-07
5.634E-07
7.054E-07
6.841E-07
                                                                                                                                                             0.000E+00
0.000E+00
                 4.999E-07
6.460E-07
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                 0.000E+00
       227
                                                                                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                                                             0.000E+00
                 5.634E-07
5.578E-07
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
       230
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                  7.054E-07
                                 0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
       231
                                                                                                0.000E+00
                                                                                                                                                             0.000E+00
                  6.041E 07
                                 0.000E+00
                                                 0.000E+00
                                                                                                                               5.666E-07
5.971E-07
9.283E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                 5.666E-07
5.971E-07
                                 0.000E+00
0.000E+00
       233
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                 0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
       234
                                                                                                                                                              0.000E+00
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                  9.283E-07
                                 0.000E+00
                                                                0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                               6.536E-07
6.627E-07
7.942E-07
                                                                                                                                                             0.000E+00
0.000E+00
                 6.536E-07
6.627E-07
7.942E-07
                                 0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                 0.000E+00
       237
                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                               7.276E-07
9.563E-07
8.409E-07
                                                                                                                                                             0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                 7.276E-07
9.563E-07
       239
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                  8.409E-07
                                                 0.000E+00
                                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                1.096E-06
                                                                                                                                                             0.000E+00
                                                 0.000E+00
       242
                  1.096E-06
                                                                                                                                                             0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               8.967E-07
                  8.967E-07
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                               1.029E-06
7.850E-07
3.438E-08
3.848E-08
       243
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                  1.029E-06
                                 0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                0.000E+00
       245
                  7.850E-07
                                 0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
                  3.438E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                         0
       246
                                                                                                                                                             0.000E+00
                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                               0 000E+00
                  3.848E-08
                                 0.000E+00
                                                 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                4.266E-08
                                                                                                                                                             0.000E+00
                                                 0.000E+00
                  4.266E-08
                                 0.000E+00
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                  Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                             11/07/95
                                                                                                                                                             09:41:42
                                                                                                                                                                             Page - 176
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                 0.000E+00
                                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                               0.000E+00 3.876E-08
                                                 0.000E+00
                                                                                                                               3.701E-08
3.947E-08
3.991E-08
4.189E-08
                                                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                                                         Ō
                                                                                                                                                             0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
       250
                  3.701E-08
                                                                                                                                                         n
                                                                                                                                                             0.000E+00
0.000E+00
                 3.947E-08
3.991E-08
       251
252
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                0.000E+00
                  4.189E-08
                                 0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                               4.110E-08
                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                  4.110E-08
       254
                                                                                                                                                              0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                               4.133E-08
4.177E-08
        255
                  4.133E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                  4.177E-08
                                                                                                                               4.139E-08
3.990E-08
3.724E-08
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                  4.139E-08
3.990E-08
                                                                                                                                                              0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
       258
                                                                                                               0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                  3.724E-08
                                 0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                               3.346E-08
3.034E-08
2.824E-08
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
                                                 0 000E+00
        260
                  3.346E-08
                                                                                                                                                              0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                               0.000E+00
0.000E+00
                  3.034E-08
       261
                  2.824E-08
                                                                                 0.000E+00
                                                                                                0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                2.859E-08
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
                  2.859E-08
                                                                                                                                3.101E-08
3.424E-08
3.893E-08
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                  3.101E-08
        264
                                                                                                                                                              0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                  3.424E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
        265
                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
                  3.893E-08
                                                 0.000E+00
                                                                                                                                4.246E-08
4.438E-08
4.359E-08
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
        267
                  4.246E-08
                                                                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                  4.438E-08
                                                  0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                  4.359E-08
4.251E-08
4.235E-08
                                 0.000E+00
0.000E+00
                                                 0.000E+00
                                                                 0.000E+00
        269
                                                                                                                               4.251E-08
4.235E-08
3.780E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
       270
                                                                                                                                                              0.000E+00
        271
                                 0.000E+00
                                                  0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                                                 0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
       272
                  3.780E-08
                                                 0.000E+00
                                                                 0.000E+00
                                                                                                0.000E+00 0.000E+00 3.134E-08
0.000E+00 0.000E+00 2.713E-08
0.000E+00 0.000E+00 2.672E-08
                                                                                                                                                              0.000E+00
                 3.134E-08
2.713E-08
                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
       273
                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                                                                                 0.000E+00
```

0.000E+00

0.000E+00

2.672E-08

0.000E+00

```
2.966E-08
3.205E-08
                                                                                                               0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                                         0.000E+00
       276
277
                   2.966E-08
3.205E-08
                                      0.000E+00
                                                        0.000E+00
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                                                                                                         0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                      3.405E-08
                                                                                                                                                                                         0.000E+00
                    3.405E-08
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                                                          0 000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.634E-08
                    3.634E-08
        279
                                                                                                                0.000E+00
                                                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3,926E-08
                    3.926E-08
                                      0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.227E-08
        281
                    4.227E-08
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      4.441E-08
4.458E-08
                    4.441E-08
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
        282
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                    4.458E-08
                                      0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.605E-08
        284
                    4.605E-08
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      4.635E-08
4.602E-08
                    4.635E-08
        285
                                                                                                                                                                                          0.000E+00
                                                        0.000E+00
0.000E+00
                    4.602E-08
                                      0.000E+00
                                                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.405E-08
                                                                                                                                                                                         0.000E+00
                    4.405E-08
        287
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                    4.053E-08
                                                         0.000E+00
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.053E-08
3.608E-08
                                      0.000E+00
        288
                                                                                                                                   0.000E+00
                                                        0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                    3.608E-08
                                      0.000E+00
        289
                                                                                                                                   0.000E+00
                                                                                                                                                      3.309E-08
                                      0.000E+00
0.000E+00
                   3.309E-08
                    3.161E-08
                                                         0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.161E-08
                                                                                                                                                                                    0
        291
                                                                                                                                   0.000E+00
                                                                                                                                                      3.352E-08
                                                                                                                                                                                          0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                    3.352E-08
                                      0.000E+00
        292
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.684E-08
                    3.684E-08
                                      0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      4.058E-08
                                      0.000E+00
                                                                           0.000E+00
                                                                                                                                   0.000E+00
                    4.058E-08
        294
                                                                           0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.347E-08
                                                                                                                                                                                          0.000E+00
                                                         0.000E+00
0.000E+00
                    4.347E-08
                                      0.000E+00
                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.515E-08
                                                                                                                                                                                    Λ
                                                                                                                                                                                          0.000E+00
        296
                    4.515E-08
                                                                                                                                                                                         0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      4.450E-08
                    4.450E-08
        297
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                      4.153E-08
                                                                           0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                    4.153E-08
3.864E-08
                                      0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      3.864E-08
                                                                                                                                                                                    Ω
                                      0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      3.475E-08
                                                                                                                                                                                         0.000E+00
                    3.475E-08
        300
                                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                       11/07/95
                                                                                                                                                                                         09:41:42
                                                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                      3.137E-08
2.770E-08
2.466E-08
2.693E-08
2.900E-08
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                                                              0.000E+00
                                                                                                                                                                                          0 000E+00
                   2.770E-08
2.466E-08
2.693E-08
2.900E-08
3.202E-08
3.528E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
        303
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
        304
                                                         0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                      3.202E-08
3.528E-08
3.849E-08
                                                                                              0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
                                      0.000E+00
0.000E+00
        306
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                0.000E+00
        307
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                    3.849E-08
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                      4.143E-08
4.568E-08
4.893E-08
                                                                                                                                                                                          0.000E+00
                    4.143E-08
4.568E-08
                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        310
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                    4.893E-08
                                      0.000E+00
                    5.009E-08
5.179E-08
                                      0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      5.009E-08
                                                                                                                                                                                          0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      5.179E-08
5.203E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                    5.203E-08
                    5.179E-08
4.900E-08
                                                                                                                                                      5.179E-08
                                                                                                                                                                                          0.000E+00
        315
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                              0.000E+00
                                                                                                                                                      4.900E-08
        316
                                                                                                                                                      4,439E-08
                    4.439E-08
3.963E-08
3.674E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      3.963E-08
        318
                                                                                                                                                      3.674E-08
                                                                            0.000E+00
        319
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                    3.680E-08
4.014E-08
                                                                                                                                                      3.680E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                                      4.014E-08
        321
322
                                                                                                                                                      4.389E-08
                    4.389E-08
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                                       4.692E-08
                                      0.000E+00
0.000E+00
0.000E+00
                    4.692E-08
                                                         0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                                                                       4.810E-08
                    4.810E-08
4.633E-08
        324
                                                                                                                                                      4.633E-08
4.327E-08
                                                                                                                                   0.000E+00
0.000E+00
                                                                                               0.000E+00
                    4.327E-08
3.920E-08
3.518E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                         0.000E+00
                                                                           0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      3.920E-08
        327
                                                                                                                                                      3.518E-08
3.088E-08
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                            0.000E+00
        328
                                      0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                    3.088E-08
                                                         0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      2.739E-08
                    2.739E-08
2.480E-08
        330
                                                                                                                                                      2.480E-08
2.233E-08
2.740E-08
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                                0.000E+00
                                                                                                                                    0.000E+00
        331
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                    2.233E-08
2.740E-08
3.074E-08
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                                                                                                                                          0.000E+00
                                                         0.000E+00
0.000E+00
        333
                                      0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                      3.074E-08
3.315E-08
        334
                   3.315E-08
3.694E-08
4.117E-08
4.506E-08
                                                                           0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                      0.000E+00
0.000E+00
                                                                                                                                                      3.694E-08
                                                                                                                                                                                          0.000E+00
                                                         0.000E+00
0.000E+00
        336
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      4.117E-08
4.506E-08
4.972E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
        337
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                    4.972E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
        339
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                              0.000E+00
                                                                                                                                                       5.424E-08
                    5.424E-08
5.663E-08
        340
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      5.663E-08
5.875E-08
5.957E-08
                                                         0.000E+00
                                                                                               0.000E+00
        341
                    5.875E-08
5.957E-08
                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
        343
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      5.883E-08
5.483E-08
                    5.883E-08
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                                0.000E+00
        344
                    5.483E-08
4.892E-08
                                                                                                                0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                       0.000E+00
                                                                                                                                                       4.892E-08
                                       0.000E+00
        346
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       4.435E-08
4.200E-08
                                                                                                                                                                                          0.000E+00
                    4.435E-08
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
        347
                    4.200E-08
4.438E-08
4.853E-08
                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                      0.000E+00
0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                                                                       4.438E-08
                                                         0.000E+00
        349
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      4.853E-08
5.193E-08
                                       0.000E+00
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
        350
                    5.193E-08
                                       0.000E+00
                                                         0.000E+00
                                                                           0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                     0 0.000E+00
                                                         0.000E+00
                    5.310E-08
                                     0.000E+00
                                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                        11/07/95
                                                                                                                                                                                          09:41:42
                                                                                                                                                                                                             Page -
                                                                                                                                                     5.079E-08
4.628E-08
4.134E-08
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                      0.000E+00
                                                         0.000E+00
                                                                                              0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                    4.628E-08
4.134E-08
                                                         0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
        355
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      3.661E-08
3.203E-08
                    3.661E-08
                                                          0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                               0.000E+00
0.000E+00
        356
         357
                    3.203E-08
2.820E-08
2.527E-08
                                      0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                                       2.820E-08
        358
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      2.527E-08
2.266E-08
                                                         0.000E+00
                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                                 0.000E+00
        359
                    2.266E-08
2.061E-08
2.816E-08
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                       0.000E+00
                                                         0.000E+00
                                                                                               0.000E+00
                                                                                                                                                      2.061E-08
2.816E-08
3.152E-08
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                    0.000E+00
                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                               0.000E+00
        361
                                                                                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        362
```

0.000E+00 0.000E+00

3.533E-08

0 0.000E+00

0.000E+00

0.000E+00 0.000E+00

3.152E-08

3 533E-08

0.000E+00

0.000E+00

0.000E+00 0.000E+00

```
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                      0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                                 3.851E-08
                  3.851E-08
4.357E-08
4.896E-08
                                     0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 4.357E-08
                                     0.000E+00
0.000E+00
                                                                                                                                                 4 896E-08
5 463E-08
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                    0.000E+00
       367
                                                                                                                               0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                             0.000E+00
                   5.463E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                 6.021E-08
                                                                                                                                                                                    0.000E+00
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                               0.000E+00
       369
370
                   6 021E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 6.440E 08
6.723E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                   6.448E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                  6.723E-08
6.858E-08
                                                                        0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 6.858E-08
                                                                                                                                                                                    0.000E+00
                                     0.000E+00
       372
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                   6.723E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                 6.723E-08
       373
                                                                                                                                                 6.171E-08
                   6.171E-08
5.513E-08
5.050E-08
                                                                                                             0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  5.513E-08
                                     0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 5.050E-08
       376
                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                  5.043E-08
                   5.043E-08
                                     0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                 5.440E-08
5.824E-08
                                                                                                                               0.000E+00
                   5.440E-08
5.824E-08
                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                                                  5.972E-08
                                                       0.000E+00
                   5.972E-08
                                     0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   5.734E-08
5.185E-08
                                     0.000E+00
0.000E+00
                                                                                                                                                 5.734E-08
5.185E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                               0
       381
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
       382
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   4.556E-08
                   3.948E-08
3.402E-08
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  3.948E-08
                                                                                                                                                                                    0.000E+00
       384
                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 3.402E-08
2.979E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
       385
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   2.979E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                   2.630E-08
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 2.630E-08
2.338E-08
                                                                                                                                                                                    0.000E+00
                                                                         0.000E+00
       387
                                                                                                                                                                                    0.000E+00
                   2.338E-08
                                                       0.000E+00
                                                                         0.000E+00
0.000E+00
       388
                                                       0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  2.109E-08
                                                                                                                                                                                    0.000E+00
                                     0.000E+00
                   2.109E-08
                                                                                                                                                 1.899E-08
2.934E-08
                   1.899E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
       390
                                                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                   2.934E-08
                                     0.000E+00
                                                       0.000E+00
                                                       0.000E+00
                                     0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  3.241E-08
                                                                                                                                                                                    0.000E+00
                   3.241E-08
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  3.658E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
                   3.658E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
       393
                                                                                                                                                 4.132E-08
4.630E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                   4.132E-08
                                                                         0.000E+00
0.000E+00
        394
                                     0.000E+00
                                                       0.000E+00
                                                                                                                                                                                     0.000E+00
                   4.630E-08
5.278E-08
                                                       0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                                                  5.278E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                    0.000E+00
       396
                                                                                                                                                 5.2/8E-08
5.981E-08
6.772E-08
7.417E-08
7.819E-08
                                                                                                                                                                                    0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                   5.981E-08
                                     0.000E+00
                                                       0.000E+00
        397
                                                                                                                                0.000E+00
                                                       0.000E+00
0.000E+00
                   6.772E-08
7.417E-08
                                     0.000E+00
                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
       399
                                                                                                                                                                                    0.000E+00
                   7.819E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
        400
                                                                                                                                0.000E+00
                                                                                                                                                  8.049E-08
                                                                                                                                                                                    0.000E+00
                                                                                            0.000E+00
                   8.049E-08
7.816E-08
7.067E-08
                                                       0.000E+00
0.000E+00
        401
                                     0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                               0
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                                                  7.816E-08
        402
                                                                                                                                                  7.067E-08
                                                                         0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  6.408E-08
                                                                         0.000E+00
                                                       0.000E+00
                   6.408E-08
                                     0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                  11/07/95
                                                                                                                                                                                    09:41:42
                                                                                                                                                                                                      Page -
                                                                                                                                0.000E+00
                                                                                                                                                  5.996E-08
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                            0 000E+00
                                                                                                             0.000E+00
                                     0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 6.240E-08
6.668E-08
6.873E-08
                                                                         0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                               0
                                     0.000E+00
        406
                   6.240E-08
6.668E-08
        407
                                     0.000E+00
                                                                         0.000E+00
                                                                                                                                                                                     0.000E+00
                                                                         0.000E100
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   6.873E-08
                                                                                                                                                  6.568E-08
                                                                         0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                   6.568E-08
5.880E-08
        409
                                                                                                                                                  5.880E-08
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E100
        410
                                                                                                                                                 5.108E-08
4.347E-08
3.709E-08
3.195E-08
2.752E-08
                                                                                                                                                                                     0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                   5.108E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
        412
                   4.347E-08
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                   3.709E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
        413
                                                                                                                                                                                     0.000E+00
                   3.195E-08
2.776E-08
                                                                         0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
        415
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  2.453E-08
                   2.453E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                                0.000E+00
        416
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                  2.184E-08
1.924E-08
1.681E-08
                                                                                            0.000E+00
                                                                                                                                                                                     0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                   2.184E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
                   1.924E-08
1.681E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                                                                                                  3.057E-08
                                                                                                                                                                                     0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                   3.057E-08
                                                       0.000E+00
                                                                                                                                                  3.410E-08
3.838E-08
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                       0.000E+00
        421
422
                   3.410E-08
3.838E-08
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                                                                                  4.333E-08
4.911E-08
                   4.333E-08
                                     0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
                   4.911E-08
5.673E-08
                                     0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  5.673E-08
6.548E-08
7.640E-08
                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                       0.000E+00
        425
                   6.548E-08
7.640E-08
8.625E-08
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                       0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  8.625E-08
9.314E-08
9.670E-08
                                                       0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        428
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   9.314E-08
9.670E-08
9.224E-08
8.357E-08
                                                                         0.000E+00
0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
        429
                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  9.224E-08
8.357E-08
7.642E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
        431
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                     0.000E+00
                                                        0.000E+00
        432
                                                                                                                                                                                     0.000E+00
                   7.642E-08
7.465E-08
7.852E-08
                                     0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  7.465E-08
7.852E-08
8.014E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
        434
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                                                                                                     0.000E+00
                   8.014E-08
                                                        0.000E+00
                                     0.000E+00
                                                                                                                                                  7.695E-08
6.822E-08
5.843E-08
4.852E-08
                   7.695E-08
6.822E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
                                     0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                                                0.000E+00
        437
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                                                                                                                     0.000E+00
                    5.843E-08
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        440
                   4.852E-08
                                                                                                                                                  4.077E-08
3.439E-08
2.947E-08
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                    4.077E-08
                                     0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
0.000E+00
        441
                   3.439E-08
2.947E-08
2.586E-08
                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                      0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                     0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  2.586E-08
2.251E-08
                                     0.000E+00
                                                        0.000E+00
                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
        444
                   2.251E-08
1.940E-08
1.678E-08
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   1.940E-08
                                                        0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  1.678E-08
1.471E-08
                                                        0.000E+00
                                                                                                              0.000E+00
        447
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                    1.471E-08
                                      0.000E+00
                                                        0.000E+00
                                                                                                                                                   3.080E-08
                                                                                                                                                                                     0.000E+00
                                                                                                              0.000E+00
                   3.080E-08
3.523E-08
                                                        0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                  3.523E-08
3.982E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        450
                                                                          0.000E+00
0.000E+00
0.000E+00
                   3.982E-08
                                      0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
                   4.552E-08
                                     0.000E+00
0.000E+00
        452
                                                        0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  5.286E-08
6.063E-08
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                        0.000E+00
                    5.286E-08
        453
                   6.063E-08
7.169E-08
                                                                         0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                      0.000E+00
                                                        0.000E+00
                                                                                            0.000E+00
                                                                                                                                                                                     0.000E+00
                                                                                            0.000E+00
        455
                                      0.000E+00
                                                        0.000E+00
                                                                                                                                                                                     0.000E+00
                    8.664E-08
                                                        0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  8-664E-08
                                      0.000E+00
```

```
LL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Output File: g:\ace\GQ91\GQPACE.OUT
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                    0.000E+00 1.022E-07
0.000E+00 1.132E-07
                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                             1.198E-0/
1.123E-07
        459
        460
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              1.032E-07
                                                                                                                                                             9.526E-08
9.545E-08
                                                                                                                                          0.000E+00
        463
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                              9.630E-08
                                                                                                                                                             9.195E-08
         465
                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              8.082E-08
                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              6.808E-08
                                                                                                                                                             5.552E-08
4.551E-08
         469
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              3.744E-08
                                                                                                                                                             3.178E-08
2.715E-08
                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              2.305E-08
                                                                                                                                                                                                   0.000E+00
                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.966E-08
1.703E-08
                                                                                                                                          0.000E+00
0.000E+00
                     1.966E-08
1.703E-08
                                                                                                   0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
                                                                                                                                                              1.513E-08
1.379E-08
3.172E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                     1.513E-08
1.379E-08
                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
         478
                                                                                                                                                              3.605E-08
4.110E-08
4.749E-08
                                                                                                                                          0.000E+00
                                                                                                                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
                     3.605E-08
                     4.110E-08
4.749E-08
                                                                                                                                          0.000E+00
0.000E+00
         480
                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
         481
                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              5.540E-08
6.549E-08
7.908E-08
9.742E-08
                     5.540E-08
6.549E-08
7.908E-08
9.742E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                            0.000E+00
         483
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
         485
                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.250E-07
                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                     1.250E-07
                                                            0.000E+00
                                                                                0.000E+00
         486
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                                                              1.452E-07
                     1.452E-07
1.329E-07
1.241E-07
                                        0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.329E-07
                                                                                0.000E+00
         488
                                                                                                                                                              1.241E-07
                                                            0.000E+00
                                                                                0.000E+00
         489
                                                                                                                                                              1.227E-07
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                     1.227E-07
1.130E-07
9.753E-08
                                        0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.130E-07
9.753E-08
8.118E-08
                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
         491
                                                                                                                                                                                                    0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
         492
                                                                                                                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                     8.118E-08
                                                            0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              6.450E-08
5.089E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                0.000E+00
                     6.450E-08
5.089E-08
         494
                                                                                0.000E+00
0.000E+00
                                                            0.000E+00
         495
                                                                                                                                                              4.150E-08
3.442E-08
2.859E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                     4.150E-08
3.442E-08
                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                0.000E+00
         497
                                                                                                                                                                                                    0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
         498
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                     2.380E-08
2.031E-08
                                                                                                                                           0.000E+00
                                                                                                                                                               2.380E-08
                                        0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              2.031E-08
1.790E-08
                                                                                                                                          0.000E+00
0.000E+00
                                                                                0.000E+00
         500
                                                                                                                                                                                                    0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                     1.790E-08
                                         0.000E+00
         501
                     1.619E-08
                                                                                                                                           0.000E+00
                                                                                                                                                               1.619E-08
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                                                                                      0.000E100
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                     1.489E-08
1.388E-08
                                                                                0.000E100
                                                                                                   0.0000100
                                                                                                                                                              1.489E-08
1.388E-08
                                         0.000E+00
         503
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
         504
                                                                                                                                                              3.107E-08
                                                                                                                                                                                                   0.000E+00
                                                            0.000E+00
         505
                     3.107E-08
                                         0.000E+00
                     3.623E-08
4.227E-08
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                              3.623E-08
         506
                                                                                                                                                               4.227E-08
                                         0.000E+00
                                                            0.000E+00
                                                                                                   0.000E+00
                                                                                0.000E+00
                     4.876E-08
                                         0.000E+00
                                                            0.000E+00
                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Number File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                11/07/95
                                                                                                                                                                                                   09:41:42
                                                                                                                                                                                                                       Page -
                                                           0.000E+00 0.000E+00
                                                                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00 0.000E+00 5.814E-08
                                         0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                              6.896E-08
8.592E-08
                                                                                0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                     6.896E-08
8.592E-08
1.079E-07
2.988E-07
1.793E-07
                                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                    0.000E+00
                                                                                                                      0.000E+00
         511
                                                                                                                                                              1.079E-07
                                                                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                         0.000E+00
                                                                                0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                               2.988E-07
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                               1.793E-07
                                                                                                                                                              1.700E-07
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
                                                                                0.000E+00
         515
                     1.515E-07
1.235E-07
9.933E-08
                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                               1.235E-07
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              9.933E-08
7.605E-08
                                                                                0.000E+00
                                                                                                   0.000E+00
         518
                     7.605E-08
5.861E-08
4.662E-08
                                                            0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                               5.861E-08
4.662E-08
3.725E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                   0.000E+00
         521
                     4.662E-08
3.725E-08
3.026E-08
2.530E-08
2.181E-08
1.951E-08
1.776E-08
1.635E-08
1.517E-08
1.418E-08
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                               3.026E-08
                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                               2.530E-08
2.181E-08
         524
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                                                                                                                              1.951E-08
1.776E-08
1.635E-08
1.517E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                    0.000E+00
         527
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               1.418E-08
2.834E-08
                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                       0.000E+00
                     1.418E-08
         530
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
                                                             0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               3.399E-08
                     3.399E-08
                                         0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                                               4.066E-08
                     4.066E-08
                                                                                                    0.000E+00
                                                                                                                      0.000E+00
         533
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               4.829E-08
5.766E-08
                      4.829E-08
                                         0.000E+00
                                                             0.000E+00
         534
                                                                                                                                                                                                    0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                     5.766E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               7.088E-08
                     7.088E-08
8.892E-08
         536
                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               8.892E-08
                                                             0.000E+00
                                                                                0.000E+00
         537
                                                                                                                                                               3.129E-07
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                     3.129E-07
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                               2.835E-07
         539
                     2 835E-07
                                                                                                                                                               2.480E-07
1.379E-07
                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                      2.480E-07
                                                             0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
         540
                                                                                                                                                                                                    0.000E+00
                                                                                0.000E+00
0.000E+00
                      1.379E-07
                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                               9.362E-08
                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                             0.000E+00
                      9.362E-08
                                         0.000E+00
         542
                     6.951E-08
5.187E-08
4.046E-08
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               6.951E-08
5.187E-08
                                         0.000E+00
                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                                                                                        0.000E+00
         543
                                                             0.000E+00
                                                                                                                                                                                                    0.000E+00
                                         0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                               4.046E-08
         545
                      3.274E-08
                                         0.000E+00
                                                             0.000E+00 0.000E+00 0.000E+00
                                                                                                                       0.000E+00 0.000E+00
                                                                                                                                                              3.274E-08
```

```
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 2.761E-08
2.414E-08
2.160E-08
                                                                                                   0.000E+00
0.000E+00
                                                             0.000E+00 0.000E+00
                     2.761E-08
                                         0.000E+00
                                                                                0.000E+00
0.000E+00
                     2.414E-08
2.160E-08
                                         0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                                         0.000E+00
                                                             0.000E+00
                                                                                 0.000E+00
                                                                                                     0.000E+00
                     1.961E-08
        550
                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                  1.801E-08
                                                                                                                                                                                                        0_000E+00
                                                                                                                         0,000E+00
                                                                                                                                             0.000E+00
                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                 1.66E-08
1.550E-08
                                                                                                                                                                                                        0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                         0.000E+00
0.000E+00
                     1.666E-08
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                     1.550E-08
                                                             0.000E+00
        553
                                                                                                                                                                  1.449E-08
                                                                                                                                                                                                        0.000E+00
                      1.449E-08
                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 2.498E-08
2.980E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                         0.000E+00
         555
                     2.498E-08
2.980E-08
                                                                                                                                                                                                        0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                             0.000E+00
         556
                                                                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                  3.642E-08
                                         0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                      3.642E-08
                                                                                                                                                                  4.365E-08
                                                                                 0.000E+00
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                      4.365E-08
         558
                                                                                                                                                                                                        0.000E+00
                                                                                                                                             0.000E+00
                      5.354E-08
                                                             0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                         0.000E+00
         559
                                                                                                                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 6.753E-08
                      6.753E-08
                                                             0.000E+00
                                         0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 182

        0.000E+00
        <t
                                                                                                                                             0.000E+00 1.223E-07
0.000E+00 2.061E-07
                                                                                                                                                                                                        0 000E+00
                                                                                                                                                                                                        0.000E+00
                     2.061E-07
5.935E-07
7.055E-07
                                                                                                                                                                 5.935E-07
7.055E-07
6.201E-07
1.373E-07
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
         563
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
         564
                                                             0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                     6.201E-07
1.373E-07
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                             0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  8.725E-08
                                                             0.000E+00
0.000E+00
                      8.725E-08
                                                                                                                                                                 6.086E-08
4.541E-08
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                      6.086E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
                      4.541E-08
                                                                                                     0.000E+00
0.000E+00
                                                             0.000E+00
         569
                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  3.675E-08
                                                                                                                                                                                                       0.000E+00
                                                                                                                                              0.000E+00
                      3.675E-08
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                 3.132E-08
2.756E-08
                                                                                                                                                                                                        0.000E+00
                     3.132E-08
2.756E-08
2.457E-08
2.219E-08
                                                                                                                                                                                                   0
                                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
         572
                                                                                                                                                                  2.457E-08
                                                                                                                                                                                                        0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                                                  2.219E-08
                                                                                                                                                                                                         0.000E+00
                                                                                  0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                  2.013E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                      2.013E-08
         575
                                                                                                                                                                  1.826E-08
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                      1.826E-08
                                                                                                                                                                  1.654E-08
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                      1.654E-08
                                                                                                                                                                  1.498E-08
                                                                                                                                                                                                         0.000E+00
                                                                                 0.000E+00
0.000E+00
                      1.498E-08
                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                  1.360E-08
2.086E-08
                                                                                                                                              0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                      1.360E-08
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                      2.086E-08
2.465E-08
                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  2.465E-08
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
          581
                                                                                                                                                                  2.913E-08
3.557E-08
                                                                                                                                              0.000E+00
                                         0.000E+00
0.000E+00
                      2.913E-08
                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                      3.557E-08
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                                                              0.000E+00
          583
                                                                                                                                                                   4.603E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                      4.603E-08
                                          0.000E+00
         584
                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                  6.029E-08
1.197E-07
2.085E-07
                                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                      6.029E-08
1.197E-07
                                          0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                  0.000E+00
          586
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
          587
                      2.085E-07
                                          0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                  5.935E-07
1.404E-07
7.121E-08
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                      5.935E-07
1.404E-07
                                          0.000E+00
0.000E+00
          588
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          589
                                                                                                                                              0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                 0.000E+00
0.000E+00
                      7,121E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                   5.349E-08
                                          0.000E+00
0.000E+00
          591
                      5.349E-08
                                                                                                                                                                   4.340E-08
                                                                                                                                                                                                         0 000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                      4.340E-08
                                                              0.000E100
                                                                                  0.000E100
         592
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   3.651E-08
                                                                                                                                                                                                         0.000E+00
                      3.651E-08
                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
         593
                                          0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                  3.127E-08
2.703E-08
                                          0.000E+00
                      3.127E-08
                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                      2.703E-08
2.345E-08
                                                              0.000E+00
                                                                                  0.000E+00
                                          0.000E+00
          595
                                                                                                                                              0.000E+00
                                                                                                                                                                  2.345E-08
2.046E-08
1.799E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
          597
                      2.046E-08
                                                                                                                                                                                                         0.000E+00
                      1.799E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          598
                                                                                  0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                   1.595E-08
                                                                                                                                                                                                         0.000E+00
                                                             0.000E+00
0.000E+00
                      1.595E-08
                                          0.000E+00
                                                                                                                                                                  1.431E-08
1.293E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                      1.431E-08
1.293E-08
                                          0.000E+00
          600
                                                                                                                                                                                                         0.000E+00
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          601
                                                                                                                                               0.000E+00
                                                                                                                                                                   1.182E-08
                                                                                                                                                                                                         0.000E+00
                      1.182E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  1.765E-08
2.056E-08
2.490E-08
                                                                                                                                                                                                         0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                      1.765E-08
2.056E-08
2.490E-08
                                          0.000E+00
0.000E+00
0.000E+00
          603
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                  0.000E+00
          604
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                  3.040E-08
3.792E-08
                                                                                                                                               0.000E+00
                                                              0.000E+00
                      3.040E-08
                                          0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                      3.792E-08
          607
                                                                                                                                                                   4.968E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                      4.968E-08
                                           0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
          608
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                  7.126E-08
1.776E-07
                      7.126E-08
1.776E-07
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                                                   0
                                                              0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                               0.000E+00
          610
                                                                                                                                                                                                         0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                   9.197E-08
                                                                                                                          0.000E+00
                      9.197E-08
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
          611
                      6.366E-08
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 | Input File: g:\ace\GQ91\GQPACE.DAT | Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                     11/07/95 09:41:42
                                                                                                                                                                                                                            Page -
                                                                                                                                                                  4.886E-08
                                                                                                                                                                                                    0
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                               0.000E+00
                                                                                  0.000E+00 0.000E+00
                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                   3.892E-08
3.176E-08
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                                                    ٥
                                                                                  0.000E+00
0.000E+00
                      3.892E-08
                                          0.000E+00
                                                              0.000E+00
                                                              0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                      3.176E-08
2.670E-08
                                                                                                                                                                   2.670E-08
2.292E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                   0.000E+00
          616
                                                                                                                                                                                                         0.000E+00
0.000E+00
                       2.292E-08
                                           0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   2.012E-08
1.796E-08
                      2.012E-08
1.796E-08
                                                                                                      0.000E+00
                                                                                                                                               0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                                      0.000E+00
0.000E+00
          619
                                                                                                                                                                   1.626E-08
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                       1.626E-08
                                           0.000E+00
                                                                                                                                                                   1.488E-08
1.371E-08
1.275E-08
                                                                                                      0.000E+00
                      1.488E-08
1.371E-08
                                          0.000E+00
          621
                                                                                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                              0.000E+00
                                                                                  0.000E+00
                                                                                                      0.000E+00
          622
                                                                                  0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                                                                                         0.000E+00
                                           0.000E+00
                                                              0.000E+00
          623
                                                                                                                                                                   1.220E-08
1.579E-08
1.751E-08
                                                                                                                                                                                                         0.000E+00
                                                                                                                                               0.000E+00
                      1.220E-08
                                                              0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                      1.579E-08
1.751E-08
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
          625
                                                                                                      0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
          626
                                           0.000E+00
                                                               0.000E+00
                                                                                                                                                                   1.965E-08
2.299E-08
2.863E-08
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                       1.965E-08
                                          0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                       0.000E+00
          628
                      2.299E-08
                                                                                                                                                                                                         0.000E+00
                      2.863E-08
3.850E-08
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                       0.000E+00
          629
                                                                                                                           0.000E+00
                                                                                                                                                                    3.850E-08
                                                              0.000E+00
0.000E+00
          630
                                                                                                                                                                                                          0.000E+00
                                                                                                                                                                   5.569E-08
9.201E-08
                                                                                                       0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                       5.569E-08
          631
                                                                                                                                                                                                          0.000E+00
                      9.201E-08
1.159E-07
7.149E-08
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                           0.000E+00
                                                               0.000E+00
                                                                                                       0.000E+00
          632
                                                                                                                                                                   1.159E-07
7.149E-08
5.286E-08
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                          0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
          633
```

0.000E+00 0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00 0.000E+00

634

5.286E-08

0.000E+00

```
4.160E-08
3.415E-08
2.905E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                      0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                          0.000E+00
                                                                                                                             0.000E+00
       636
                   4.160E-08
                                    0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                      0.000E+00
0.000E+00
                  3.415E-08
2.905E-08
                                    0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
       638
                                                                                                                                               2.516E-08
2.207E-08
                                                                                                                             0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                        0.000E+00
                   2.516E-08
                                    0.000E+00
                                                      0.000E+00
       639
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                    0.000E+00
0.000E+00
                                                      0.000E+00
                                                                        0,000E+00
                   2.207E-08
                                                                                                                                                                                  0.000E100
                                                                                                                                                1.960E-08
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                         0.000E+00
                   1.960E-08
       641
                                                                                                                              0.000E+00
                                                                                                                                               1.763E-08
1.598E-08
                                                                                                                                                                                  0.000E+00
                                                      0.000E+00
0.000E+00
                   1.763E-08
                                    0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                    0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                                             0.000E+00
                   1.598E-08
       643
                                                                                                                                                                                  0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                1.460E-08
                                                                        0.000E+00
0.000E+00
                   1.460E-08
                                                      0.000E+00
       644
                                                      0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                               1.341E-08
1.243E-08
                                                                                                                              0.000E+00
                   1.341E-08
                                    0.000E+00
                                    0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                             0.000E+00
                   1.243E-08
1.155E-08
       646
                                                                                                                              0.000E+00
                                                                                                                                                1.155E-08
                                                                                                                                                                                  0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
       647
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                1.297E-08
                                    0.000E+00
0.000E+00
0.000E+00
                                                      0.000E+00
                   1.297E-08
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.452E-08
                                                                                                                                                                                  0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
                   1.452E-08
1.650E-08
                                                                                                                              0.000E+00
                                                                                                                                                1.650E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
       650
                                                                                                                                               1.914E-08
2.315E-08
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                   1.914E-08
                                    0.000E+00
                                                                                                                                                                                  0.000E+00
                                    0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                      0.000E+00
                                                                        0.000E+00
                   2.315E-08
2.878E-08
        652
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                2.878E-08
                                                      0.000E+00
0.000E+00
                                     0.000E+00
                                                                        0.000E+00
        653
                                                                                                                                               3.834E-08
5.850E-08
                                                                                                                              0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                            0.000E+00
                   3.834E-08
5.850E-08
2.411E-07
1.545E-07
                                    0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                    0.000E+00
                                                       0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
        655
                                                                                          0.000E+00
0.000E+00
                                                                                                                                               2.411E-07
1.545E-07
9.193E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                             0
                                                                        0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                     0.000E+00
        656
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                                                                                                                                                  0.000E+00
                   9.193E-08
6.103E-08
                                                                                          0.000E+00
0.000E+00
                                                       0.000E+00
                                                                        0.000E+00
                                     0.000E+00
        658
                                                                                                                                                6.103E-08
                                                                                                                                                                                  0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                        0.000E+00
        659
                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                4.498E-08
3.546E-08
                                                      0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                             0
                   4.498E-08
                                    0.000E+00
0.000E+00
        660
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                              0.000E+00
                   3.546E-08
        661
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                2.921E-08
                                                                                                                                                                             0
                                    0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                   2.921E-08
        662
                                                                                                                                               2.493E-08
2.294E-08
                                                                                                                                                                             0
                                                                                                                              0.000E+00
                   2.493E-08
                                                                                                                                                                                  0.000E+00
                                                                                                                              0.000E+00
                   2.294E-08
                                                      0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                     0.000E+00
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
11/07/95 09:41:42 Page - 18
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                   1.969E-08 0.000E+00 0.000E+00
1.697E-08 0.000E+00 0.000E+00
1.527E-08 0.000E+00 0.000E+00
1.385E-08 0.000E+00 0.000E+00
                                                                        0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               1.969E-08
1.697E-08
1.527E-08
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                             0
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
        666
                                                                                                                                                                             0
        667
                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.385E-08
1.266E-08
                                    0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
                   1.385E-08
1.266E-08
        668
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
        669
                                                                                                                                                1.168E-08
1.085E-08
                                                       0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
                    1.168E-08
                    1.085E-08
                                                                        0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.013E-08
                                                                                          0.000E+00
0.000E+00
                    1.013E-08
                                     0.000E+00
                                                       0.000E+00
        672
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                1.154E-08
1.291E-08
1.471E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                    1.154E-08
                                                                                          0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   1.291E-08
1.471E-08
        674
                                                                                                                                                                                  0.000E+00
                                     0.000E+00
                                                       0.000E+00
        675
                                                       0.000E+00
0.000E+00
                                                                                                                                                1.723E-08
2.066E-08
2.610E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                    1.723E-08
                                     0.000E+00
0.000E+00
                                                                         0.000E+00
                    2.066E-08
        677
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
                    2.610E-08
                                     0.000E+00
        678
                                                                                                                                                3.514E-08
4.773E-08
9.117E-08
1.714E-07
1.801E-07
                                                                                                                                                                                  0.000E+00
                                                                                                                              0.000E+00
                                     0.000E100
                    3.514E-08
                                                                                          0.00E+00 0.000E+00

0.000E+00 0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                    4.773E-08
9.117E-08
                                     0.000E+00
        680
                                                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                     0.000E+00
                                                       0.000E+00
        681
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                    1.714E-07
                                     0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                       0.000E+00
                    1.801E-07
        683
                                                                                                                                                                                  0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                    1.721E-07
                                     0.000E+00
                                                       0.000E+00
        684
                                                                                                                              0.000E+00
                                                                                                                                                1.118E-07
7.864E-08
5.667E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                    1.118E-07
7.864E-08
                                     0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                       0.000E+00
        686
                                                                                                                                                                                  0.000E+00
                    5.667E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
        687
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                                                4.242E-08
3.321E-08
2.761E-08
                                                                                                                                                                                  0.000E+00
                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                     0.000E+00
0.000E+00
                    4.242E-08
                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                       0.000E+00
                    3.321E-08
         689
                                                                                                                                                                                  0.000E+00
                    2.761E-08
                                     0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
        690
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                 2.352E-08
                    2.352E-08
                                     0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                2.037E-08
1.814E-08
                                                       0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
                    2.037E-08
         692
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                    1.814E-08
                                     0.000E+00
                                                       0.000E+00
         693
                                                                                                             0.000E+00
                                                                                                                                                 1.615E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                    1.615E-08
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                                                1.447E-08
1.313E-08
1.198E-08
                                                       0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
         695
                    1.447E-08
                                                                                                                                                                                   0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                       0.000E+00
                                                                         0.000E+00
                    1.313E-08
         696
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                    1.198E-08
         697
                                                                                                                                                1.096E-08
1.008E-08
                                                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                           0.000E+00
                    1.096E-08
         698
                                                                                                                                                                                   0.000E+00
                                                                                          0.000E+00
0.000E+00
                    1.008E-08
                                                       0.000E+00
                                                                         0.000E+00
         699
                                                                                                                                                1.025E-08
1.159E-08
1.329E-08
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                    1.025E-08
                                     0.000E+00
                                                       0.000E+00
0.000E+00
         700
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
                    1.159E-08
                                     0.000E+00
0.000E+00
         701
                                                                                                                                                                                   0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
0.000E+00
                    1.329E-08
         702
                                                                                                                                                 1.561E-08
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                    1.561E-08
                                     0.000E+00
                                                        0.000E+00
         703
                                                                                                                                                1.814E-08
2.102E-08
                                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                    1.814E-08
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00
                    2.102E-08
2.464E-08
         705
                                                                                                                                                2.102E-08
2.464E-08
2.943E-08
4.236E-08
7.599E-08
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
         706
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                    2.943E-08
                                     0.000E+00
                                                       0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                    4.236E-08
7.599E-08
                                                       0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
         708
                                                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                        0.000E+00
         709
                                                                                                                                                 1.157E-07
                                                                                                                                                                                   0.000E+00
                    1.157E-07
                                     0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                 1.318E-07
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                    1.318E-07
         711
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 1.271E-07
                                                                                                                                                                                   0.000E+00
                                                                                                             0.000E+00
0.000E+00
                    1.271E-07
                                     0.000E+00
                                                        0.000E+00
                                                                         0.000E+00
                                                                                           0.000E+00
0.000E+00
         712
                                                                                                                                                 9.222E-08
                                                                                                                                                                                   0.000E+00
                    9.222E-08
6.940E-08
5.260E-08
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                     0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                6.940E-08
5.260E-08
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                                               0.000E+00 4.183E-08
                                                                                                             0.000E+00
                                                                                                                                                                              0 0 000E+00
                                                                                           0.000E+00
                                     0.000E+00
                                                       0.000E+00
                                                                          0.000E+00
                    4.183E-08
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                 11/07/95
                                                                                                                                                                                   09:41:42
                                                                                                                                                                                                    Page -
                                                                                                                               0.000E+00 3.245E-08
0.000E+00 2.659E-08
                                                                                                             0 000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                      0.000E+00
                                                        0.000E+00
                    3.245E-08
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                    2.659E-08
2.221E-08
1.932E-08
                                     0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
         718
719
                                                                                                                                                                              ō
                                                                                                                               0.000E+00
                                                                                                                                               2.221E-08
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               1.932E-08
1.719E-08
                                                        0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
         720
                                                                                                                               0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
         721
                    1.719E-08
                                                                          0.000E+00
                                                                                                             0.000E+00 0.000E+00 1.537E-08
0.000E+00 0.000E+00 1.395E-08
0.000E+00 0.000E+00 1.286E-08
                                                                                           0.000E+00
                    1.537E-08
1.395E-08
                                                                          0.000E+00
         722
                                                                                                                                                                              0 0.000E+00
0 0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
         723
```

0.000E+00

1.286E-08

0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                          1.188E-08
1.102E-08
1.020E-08
                                           1.188E-08
1.102E-08
1.020E-08
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                   0.000E+00
                 725
726
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                  727
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                           9.434E-09
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
                                            9.434E-09
                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.313E-08
                  729
730
                                            1.313E-08
                                            1.445E-08
1.572E-08
1.729E-08
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                           1.445E-08
1.572E-08
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                  0.0007,000
                                                                                   0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.729E-08
                                                                                                                                                                                                                                                       0.000E+00
                  732
                                                                                                                                                                                                                                                                                                                                           1.853E-08
2.116E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
                                            1.853E-08
                  733
                                            2.116E-08
                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
                                            2.619E-08
4.120E-08
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                           2.619E-08
                  735

      2.619E-08
      0.000E+00
       0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
      0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            4.120E-08
                                                                                                                                                                       0.000E+00
                  736
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            6.643E-08
                  737
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                            8.969E-08
                                                                                                                                                                                                                                                                                                                                            9.904E-08
9.963E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                  739
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                            7.879E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            7.398E-08
5.271E-08
                                                                                                                                                                                                                                                                                                                                            3.906E-08
                                                                                                                                                                                                                                                    0.000E+00
                  744
                                                                                                                                                                                                                                                                                                                                            3.247E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                  745
                                                                                                                                                                                                                                                                                                                                           2.640E-08
2.214E-08
1.901E-08
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                  747
748
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.647E-08
                                                                                                                                                                                                                                                                                                                                           1.468E-08
1.332E-08
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                  750
751
                                                                                                                                                                                                                                                                                                                                            1.214E-08
                                                                                                                                                                                                                                                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                           1.121E-08
1.054E-08
1.063E-08
9.437E-09
1.316E-08
                                                                                                                                                                                                                                                                                                   0.000E+00
                   753
                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                   754
                   756
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.402E-08
1.420E-08
1.479E-08
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                    759
                    760
                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             1.638E-08
                                                                                                                                                                                                                                                                                                                                            1.913E-08
2.785E-08
3.913E-08
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                    762
                                            2.785E-08
3.913E-08
5.840E-08
7.451E-08
7.914E-08
7.895E-08
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                              0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                    764
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            5.840E-08
7.451E-08
7.914E-08
7.895E-08
                                                                                                                                                                        0.000E+00
                    765
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00 0.000E+00
                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 186
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT

        0.000E+00
        <t
                                                                                                                                                                                                                                                                                                                                            7.476E-08
6.982E-08
6.905E-08
                                                                                                                                                                                                                                                                                                                                                                                                                           0.000E+00
                                            7.476E-08 0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                   769
770
771
                                            7.476E-08 0.000E+00
6.982E-08 0.000E+00
6.905E-08 0.000E+00
4.574E-08 0.000E+00
3.726E-08 0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             4.574E-08
3.726E-08
3.135E-08
                                          773
                                                                                                                                                                                                                                                                                                                                            2.648E-08
2.235E-08
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             1.903E-08
                                                                                                                                                                                                                                                                                                                                             1.663E-08
1.461E-08
1.302E-08
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                                                             1.186E-08
1.083E-08
1.009E-08
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                    782
                                                                                                                                                                                                                                                                                                                                                                                                                          0.000E+00
                    783
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                                                            1.083E-08
8.767E-09
1.215E-08
1.215E-08
1.204E-08
1.350E-08
2.029E-08
2.736E-08
2.736E-08
6.297E-08
6.297E-08
6.527E-08
6.416E-08
6.170E-08
5.215E-08
4.334E-08
3.571E-08
                                                                                                                                                                                                                                                                                                                                              1.083E-08
                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
                    785
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                    786
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

                    788
                    789
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                                            2.736E-08 0.000E+00
3.759E-08 0.000E+00
5.295E-08 0.000E+00
6.297E-08 0.000E+00
6.527E-08 0.000E+00
6.170E-08 0.000E+00
5.215E-08 0.000E+00
5.215E-08 0.000E+00
3.571E-08 0.000E+00
3.571E-08 0.000E+00
2.610E-08 0.000E+00
2.232E-08 0.000E+00
1.920E-08 0.000E+00
1.480E-08 0.000E+00
1.480E-08 0.000E+00
1.312E-08 0.000E+00
                    792
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                     795
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                     798
                                                                                                                                                                                                                                                                                                                                                                                                                0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00
                    800
                                                                                                                                                                         0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                    801
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                             3,571E-08
3.006E-08
2.610E-08
2.232E-08
1.920E-08
1.659E-08
1.480E-08
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                    804
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                  0 0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                    805
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                    807
                                                                                                                                                                                                                                                                                                                                                                                                                  0 0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                                          0.000E+00
                    808
                                                                                                                                                                                                                                                                                                                                                                                                                  0 0:000E+00
                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                                               1.312E-08
                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                                                              1.175E-08
1.077E-08
9.933E-09
                                                                                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                                              1.175E-08
1.077E-08
                     810
                                                                                                                                                                                                                                                                                                                                                                                                               0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                    811
                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                               9.933E-09
                                                                                      0.000E+00
                                                                                                                                                                                                                  0.000E+00 0.000E+00 0.000E+00 9.154E-09
0.000E+00 0.000E+00 0.000E+00 8.425E-09
                                                                                      0.000E+00
0.000E+00
                                               9.154E-09
                                                                                                                                                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 187
```

RECEPTOR # 134 HAS MAXIMUM PEAK RISK OF 2.042E-06
PEAK RECEPTOR LOCATED AT (X, Y) = 391840.000 3870853.000
RECEPTOR POPULATION = 0
RECEPTOR BURDEN = 0.000E+00

TOTAL CANCER EXCESS BURDEN FROM ALL RECEPTORS = 0.000E+00 BURDEN COMPUTED WITH ZONE OF IMPACT RISK LEVEL = 1.000E-07

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 188

*** 70-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

1 2 3 4 5 6 7	2.071E-10 3.904E-10 1.438E-09 1.756E-09 1.628E-09 6.464E-10 4.425E-10	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	2.071E-10 3.904E-10	
8 9 10 11 12 13 14 15 16 17 18 19 22 1 22 22 24 25 6 27 28 29 31 32 33 34 35 6 37 38 9 40	1.224E-08 5.481E-09 2.311E-09 5.027E-08 2.705E-07 7.814E-08 1.048E-06 2.190E-08 2.254E-09 4.687E-10 8.817E-10 3.237E-09 3.915E-09 3.570E-09 1.365E-09 9.822E-10 2.6293E-08 1.180E-08 4.626E-09 1.283E-08 1.180E-08 4.626E-09 3.484E-09 1.283E-08 1.566E-08 1.452E-08 5.767E-09 5.572E-09 3.948E-09 1.092E-07 4.891E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	1. 438E-09 1. 756E-09 1. 628E-09 6. 464E-10 4. 425E-10 1. 224E-08 5. 481E-09 2. 311E-09 5. 027E-08 2. 705E-07 7. 315E-08 1. 048E-06 2. 190E-08 2. 254E-09 4. 687E-10 3. 237E-09 3. 915E-09 3. 915E-09 1. 412E-09 1. 484E-09 1. 566E-08 1. 566E-08 1. 566E-08 1. 566E-08 1. 566E-08 1. 562E-09 3. 948E-09 1. 948E-09	
41 42 43	7.851E-09 3.616E-09 4.809E-09	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.616E-09 4.809E-09	
GOLDEN QUE Input File	EN MINING - S : g:\ace\GQ91	SOLEDAD MTN I	PROJECT - ALI	L RECEPTORS, Output File:	1991 MET, P g:\ace\GQ91	M10 * \GQPACE.OUT	OUTPUT OF A	MI/SBCAPCD A 11/07/9	VERS. 93288 * Page - 189
44 45 46 47 49 50 51 52 53 55 57 57 58 60 61 62 63 64 65 67 68 80 80 80 80 80 80 80 80 80 80 80 80 80	4.933E-09 1.243E-09 2.629E-09 1.934E-08 7.705E-09 1.666E-09 1.344E-09 3.387E-10 5.271E-09 2.100E-09 4.541E-10 1.308E-08 3.294E-09 6.970E-09 5.128E-08 2.043E-08 4.417E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.827E-09 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	4.933E-09 1.243E-09 2.629E-09 1.934E-08 7.705E-09 1.344E-09 3.387E-10 7.165E-10 5.271E-09 2.100E-09 4.541E-10 1.308E-08 3.294E-09 6.970E-09 5.128E-08 2.043E-08 4.417E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.827E-09 0.000E+00	

RECEPTOR RISK OF Z.042E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 2.042E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07
RECEPTOR BURDEN = U.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 190

*** 70-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb N1 PAH Se	0.000E+00 1.429E-06 0.000E+00 1.387E-07 6.905E-08 3.941E-07 0.000E+00 7.316E-09 3.413E-09 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.000E+00 1.429E-06 0.000E+00 1.387E-07 6.905E-08 3.941E-07 0.000E+00 7.316E-09 3.413E-09 0.000E+00 0.000E+00
SUM	2.042E-06	0.000E+00	0.000E+00	0.000E+0D	D.000E+00	0.000E+00	0.000E+00	2.042E-06

RECEPTOR RISK OF 2.042E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 2.042E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07 RECEPTOR POPULATION = 0 RECEPTOR BURDEN = 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 191

*** 70-YEAR LIFETIME DOSE (mg/kg/d) BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

LUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 192

*** 44-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

SOURCE	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
1 2	1.302E-10 2.454E-10	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	1.302E-10 2.454E-10
3	9.041E-10 1.104E-09	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		9.041E-10 1.104E-09
5	1.023E-09 4.063E-10	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		1.023E-09 4.063E-10
7	3.926E-10 2.781E-10	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	3.926E-10 2.781E-10
8 9	7.697E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.697E-09 3.445E-09
10 1 1	3.445E-09 1.453E-09	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	1.453E-09
12 13	3.160E-08 1.701E-07	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	3.160E-08 1.701E-07
14 15	4.911E-08 4.598E-08	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		4.911E-08 4.598E-08
16 17	6.590E+07 1.377E-08	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		6.590E-07 1.377E-08
18	1.417E-09 2.946E-10	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	1.417E-09 2.946E-10
20	5.542E-10	0,000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.542E-10 2.035E-09
21 22	2.035E-09 2.461E-09	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	2.461E-09
23	2.244E-09	0.000E+00	0.000E+00	0.000E+00	0,000E+00	0,000E+00	0.000E+00	2.244E-09

```
8.876E-10
8.580E-10
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
        24
25
26
27
               8.876E-10
                              0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                             0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
               8.580E-10
                              0.000E+00
                                                                                                                           6.174E-10
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
                              0.000E+00
               6.174E-10
                                                                                                                           1.693E-08
                                                                                            0.000E+00
                                              0.000E+00
                                                             0,000E+00
                                                                            0.000E+00
               1.693E-08
                              0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           7.415E-09
                                                                             0.000E+00
               7.415E-09
                              0.000E+00
                                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E100
                                                                                                                           2.908E-09
                                                             0.000E+00
                              0.000E+00
               2.908E-09
                                                                                                                           1.161E-09
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
               1.161E-09
2.190E-09
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
        30
                                                                                                            0.000E+00
                                                                                                                           2.190E-09
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           8.064E-09
                                              0.000E+00
               8.064E-09
                              0.000E+00
0.000E+00
                                                                                                            0 000E+00
                                                                                                                           9.845E-09
               9.845E-09
9.128E-09
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                              0.000E+00
                                                             0.000E+00
        33
                                                                                                            0.000E+00
                                                                                                                           9.128E-09
                                              0.000E+00
0.000E+00
                                                             0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           3.625E-09
3.503E-09
                              0.000E+00
0.000E+00
               3.625E-09
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
0.000E+00
               3.503E-09
        36
                                                                                                                           2.482E-09
6.867E-08
                                                                                                            0.000E+00
                                                             0.000E+00
                                              0.000E+00
0.000E+00
               2.482E-09
                              0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
0.000E+00
               6.867E-08
                                                                                                                            3.074E-08
                                                                                                            0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
               3.074E-08
        39
                                                                                                                           1.296E-08
4.935E-09
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
0.000E+00
               1.296E-08
                              0.000E+00
         40
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                              0.000E+00
               4.935E-09
2.273E-09
                                                                                                            0.000E+00
                                                                                                                            2.273E-09
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           3.023E-09
                                              0.000E+00
               3.023E-09
                              0.000E+00
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 193
COLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Thout File: g:\ace\GO91\GOPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                     193
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           3.101E-09
                                              0.000E+00
0.000E+00
               3.101E-09
                                                             0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           7.811E-10
1.653E-09
               7.811E-10
1.653E-09
                              0.000E+00
                                                                                                            0.000E+00
                                                                             0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             0.000E+00
                                                                                            0.000E+00
        46
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            1.216E-08
               1.216E-08
                              0.000E+00
                                              0.000E+00
                                                             0 000E+00
                                              0.000E+00
0.000E+00
                                                                                                                            4.843E-09
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                              0.000E+00
0.000E+00
               4.843E-09
                                                                                                                            1.047E-09
                                                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
               1.047E-09
                                                                                                                            8.448E-10
               8.448E-10
2.129E-10
                                                                             0.000E+00
                                                             0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
         50
                                                                                                                           2.129E-10
4.504E-10
3.313E-09
                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                             0.000E+00
                              0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
               4.504E-10
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
        52
53
               3.313E-09
1.320E-09
2.854E-10
                                                                             0.000E+00
                              0.000E+00
                                              0.000E+00
0.000E+00
                                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                            1.320E-09
                              0.000E+00
0.000E+00
                                                                                                                            2.854E-10
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
         55
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            8.219E-09
                                              0.000E+00
0.000E+00
               8.219E-09
                              0.000E+00
                                                              0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                            2.071E-09
               2.071E-09
4.381E-09
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
        57
58
                              0.000E+00
0.000E+00
                                                                                                                            4.381E-09
                                                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                                                                            3.223E-08
                                                              0.000E+00
               3.223E-08
                              0.000E+00
                                              0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                            1.284E-08
                                              0.000E+00
               1.284E-08
2.777E-09
                              0.000E+00
0.000E+00
         60
                                                                                                                            2.777E-09
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
         61
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                             0.000E+00
                                              0.000E+00
0.000E+00
                                                              0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                            0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
         63
               0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                              0.000E+00
                                                                                             0.000E+00
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
         64
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
               0.000E+00
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                              0 000E+00
                                                                                                                            0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                              0.000E+00
                                                                              0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
0.000E+00
         66
               0.000E+00
                                                                                                            0.000E+00
                                                                                                                            3.034E-09
         67
               3.034E-09
                                              0.000E+00
                                                              0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              0.000E+00
                                                              0.000E+00
                                                                                                            0.000E+00
                                                                                                                            1.283E-06
                                                                             0.000E+00
                                                                                             0.000E+00
                              0.000E+00
                                              0.000E+00
                                                              0.000E+00
       SUM
               1.283E-06
```

RECEPTOR RISK OF 1.283E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1.283E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

44-YEAR LIFETIME RISK OF 1.283E-06 IS LOWER THAN 70-YEAR LIFETIME RISK OF 2.042E-06

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 194

*** 44-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 8.983E-07 0.000E+00 8.718E-08 4.340E-08 2.477E-07 0.000E+00 4.599E-09 2.146E-09 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 8.983E-07 0.000E+00 8.718E-08 4.340E-08 2.477E-07 0.000E+00 4.599E-09 2.146E-09 0.000E+00
SUM	1.283E-06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.283E-06

RECEPTOR RISK OF 1.283E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1,283E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

44-YEAR LIFETIME RISK OF 1.283E-06 IS LOWER THAN 70-YEAR LIFETIME RISK OF 2.042E-06

*** 44-YEAR LIFETIME DOSE (mg/kg/d) BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.237E-07 0.000E+00 1.651E-08 4.697E-09 8.043E-10 0.000E+00 2.613E-08 3.751E-09 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 196

*** MAXIMUM ACUTE HAZARD INDEX BY POLLUTANT ***

POLLUTANT	PEAK CONC (ug/m3)	BACKGR (ug/m3)	TOTAL (ug/m3)	AEL (ug/m3)	HAZARD INDEX	RECEPTOR
ACROL Cu HCHO HCN Hg Ni Se	0.000E+00 0.000E+00 0.000E+00 3.934E+01 0.000E+00 1.568E-02 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 3.934E+01 0.000E+00 1.568E-02 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00	0.000E+00 0.000E+00 1.192E-02 0.000E+00 1.568E-02 0.000E+00	0 0 68 0 40
YVIEN	0 000E+00	0.000E+00	0.000E+00	4.400E+03	0.000E+00	0

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 197

*** RECEPTOR ACUTE HAZARD INDICES BY TOXICOLOGICAL ENDPOINTS ***

FROM ALL SOURCES AND POLLUTANTS

				Theathy	KIDN	LIVER	REPRO	RESP	EYE
RECEP	TOR	CA	CNS	IMMUN	KIDN	LIVER	KLINO	TWO:	212
	1	0.000E+00	1.740E-03	2.347E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	2	0.000E+00	1.716E-03	1.009E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	3	0.000E+00	1.721E-03	9.580E-04	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	4	0.000E+00	1.886E-03	2.895E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	5	0.000E+00	1.835E-03	2.818E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	6	0.000E+00	1.766E-03	2.723E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	7	0.000E+00	1.799E-03	1.662E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	8	0.000E+00	1.842E-03	2.002E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00
	9	0.000E+00	1.876E-03	2.100E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00
	10	0.000E+00	2.970E-03	2.623E-03	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
	11	0.000E+00	3.268E-03	2.212E-03	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
	12	0.000E+00	9.015E-03	2.545E-03	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	13	0.000E+00	6.089E-03	7.372E-03 7.333E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	14	0.000E+00 0.000E+00	6.609E-03 6.190E-03	7.178E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	15	0.000E+00	7.845E-03	6.400E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	16	0.000E+00	4.936E-03	1.454E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	17 18	0.000E+00	4.543E-03	2.776E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	19	0.000E+00	4.483E-03	2.644E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	20	0.000E+00	6.031E-03	3.374E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	21	0.000E+00	2.920E-03	3.061E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	22	0.000E+00	3.012E-03	2.966E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	23	0.000E+00	3.264E-03	2.681E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	24	0.000E+00	3.640E-03	2.600E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	25	0.000E+00	4.038E-03	4.210E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00
	26	0.000E+00	3.980E-03	4.290E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00
	27	0.000E+00	4.313E-03	7.513E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	28	0.000E+00	4.964E-03	9.158E-03	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
	29	0.000E+00	4.964E-03	9.157E-03	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
	30	0.000E+00	4.372E-03	7.636E-03 4.346E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	31	0.000E+00	3.952E-03 3.880E-03	4.386E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	32	0.000E+00 0.000E+00	4.542E-03	7.768E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	33 34	0.000E+00	5.318E-03	9.167E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	35	0.000E+00	4.870E-03	9.132E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	36	0.000E+00	4.991E-03	9.053E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	37	0.000E+00	4.833E-03	8.900E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	38	0.000E+00	5.243E-03	9.837E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	39	0.000E+00	6.402E-03	1.367E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	40	0.000E+00	7.378E-03	1.568E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                                        5.785E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                       3.100E-03
        130
                                       3.033E-03
3.186E-03
3.514E-03
                       0.000E+00
                                                        6.021E-03
                                                                        0.000E+00
                                                                                        0.000E+00
        131
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                       0.000E+00
                                                       8.947E-03
1.086E-02
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0 000E+00
        133
                       0 000E+00
                                                                                                                                         0.000E+00
                                                        1.137E-02
                                                                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                       3.491E-03
                                                                                        0.000E+00
        134
                       0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E100
                                                                                                                         0.000E+00
                                                                                                                                         0.0006+00
                                                        7,963E-03
                       0.000E+00
0.000E+00
                                       3.161E-03
                                       3.023E-03
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
        136
                                                                                                                                         0.000E+00
                       0.000E+00
                                       2.979E-03
                                                        4.309E-03
                                                                        0.000E+00
        137
                                                        4.127E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                       2.830E-03
        138
                                                                                        0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                       2.861E-03
                                                        6.596E-03
                                                                        0.000E+00
        139
                                                                                                                                         0.000E+00
        140
                       0.000E+00
                                       2.832E-03
                                                        4.911E-03
                                                                        0.000E+00
                                                        6.590E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                       2.564E-03
        141
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                       2.460E-03
                                                        4.638E-03
                                                                        0.000E+00
        142
                                       2.326E-03
2.227E-03
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                        3.488E-03
        143
                                                        3.952E-03
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0 000E+00
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                        3.006E-03
                                                                        0.000E+00
                                                                                        0 000E+00
                                                                                                         0 000E+00
                       0.000E+00
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 200
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                       2.210E-03
                                                        2.669E-03
                                                                        0.000E+00
                       0 000E+00
                                                                                                                                         0.000E+00
                                       2.237E-03
2.252E-03
                                                        3.133E-03
2.259E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                       0.000E+00
        147
                                                                                                                                         0.000E+00
        148
                       0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                       2.205E-03
                                                        2.164E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
        149
                                                                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                       2.115E-03
                                                        2.656E-03
                                                                        0.000E+00
        1.50
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
                                       2.064E-03
                                                        2.766E-03
                                       2.061E-03
2.003E-03
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                        2.809E-03
                       0.000E+00
0.000E+00
        152
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                        2.781E-03
                                                                                                         0.000E+00
        153
                                                        2.752E-03
2.718E-03
2.581E-03
2.764E-03
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
0.000E+00
                                       1.939E-03
1.875E-03
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
        155
156
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                        1.874E-03
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       1.872E-03
        157
                       0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
                                        1.851E-03
                                                        2.863E-03
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        158
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                        3.581E-03
2.777E-03
                       0.000E+00
                                        1.879E-03
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                       1.866E-03
        160
                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                        1.891E-03
                                                        2.893E-03
                                                                                                         0.000E+00
        161
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       1.963E-03
2.062E-03
                                                        2.940E-03
2.847E-03
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
        163
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                        2.178E-03
                                                        3.118E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        164
                                                                                                                                          0.000E+00
                                                        3.319E-03
3.346E-03
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       2.247E-03
2.268E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        166
                       0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                        2.356E-03
                                                        3.287E-03
                                                                        0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
        167
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       2.318E-03
2.375E-03
                                                        2.389E-03
2.350E-03
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        169
                       0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                        2.513E-03
                                                        2.568E-03
                                                                        0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
        170
                                                        2.393E-03
2.632E-03
                                                                                                                          0.000E+00
                                       2.542E-03
2.814E-03
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        172
                       0.000E+00
                                                        2.735E-03
2.709E-03
2.602E-03
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
                       0.000E+00
                                        3,015E-03
                                                                                                         0 000E+00
                                                                                                                          0.000E+00
        173
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                        3.001E-03
                                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        3.031E-03
        175
                       0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                        3.014E-03
                                                        3.136E-03
                                                                                                         0.000E+00
                                                                                                                          0 000E+00
                       0.000E+00
        176
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                       2.965E-03
3.139E-03
                                                        3.128E-03
3.517E-03
                       0.000E+00
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
        178
                       0.000E+00
                                        3.560E-03
                                                        3.112E-03
                                                                        0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                        3.845E-03
                                                        3.554E-03
4.724E-03
        180
                                        4.348E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0 000E+00
                                                                                                                                          0.000E+00
        181
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                         0,000E+00
0,000E+00
                                                                                                         0.000E+00
        182
                       0.000E+00
                                        4.312E-03
                                                        4.718E-03
                                                                        0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        4.171E-03
4.149E-03
                                                        4.658E-03
4.584E-03
         183
                       0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                       0.000E+00
        184
                                                                                                                          0.000E+00
                                        3.873E-03
                                                        4.508E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
        185
                       0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        3.710E-03
3.443E-03
                                                        3.051E-03
3.227E-03
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        187
                       0.000E+00
                                        3.084E-03
                                                        3.203E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        188
                                                        2.735E-03
2.938E-03
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                        3.015E-03
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.937E-03
2.919E-03
         190
                       0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                        3.047E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        191
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                        2.908E-03
                                                        3.080E-03
                                                        4.928E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        193
                       0.000E+00
                                        2.632E-03
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                        3.772E-03
                                                                         0.000E+00
                                                                                                                                          0 000E+00
                       0.000E+00
                                        2.683E-03
        194
                                                        3.392E-03
3.191E-03
                                                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                        2.605E-03
2.709E-03
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        196
                       0.000E+00
                       0.000E+00
                                        2.722E-03
                                                        3.301E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0 000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
         197
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                       11/07/95 09:41:42
                                                                                                                                                                     Page -
                                                                                                                                                                              201
                                                        3.354E-03
3.496E-03
3.507E-03
3.397E-03
                                                                                                                          0.000E+00
                                                                                                         0.000E+00
                        0.000E+00
                                                                                         0.000E+00
                                        2.750E-03
                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                        2.785E-03
2.782E-03
        199
                                                                                                                                          0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
        200
                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                         0-000E+00
        201
                        0.000E+00
                                        2.783E-03
                                                        3.229E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.836E-03
        202
                        0.000E+00
                                                        3.283E-03
5.483E-03
4.028E-03
                                                                                                                                          0.000E+00
                        0.000E+00
                                        2.846E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
        203
                                                                                                                                          0.000E+00
                        0.000E+00
                                        2.680E-03
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.731E-03
2.720E-03
        205
                       0.000E+00
                                                        3.671E-03
3.597E-03
                                                                                                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                        0.000E+00
        206
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                        0.000E+00
                                        2.803E-03
         207
                                                        3.630E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.853E-03
        208
                       0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                        2.879E-03
                                                        3.665E-03
                                                                         0.000E+00
                                                                                                         0.000E+00
        209
                        0.000E+00
                                                                                                                                          0.000E+00
                                                         4.093E-03
                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                        0.000E+00
                                        2.890E-03
                                                        5.402E-03
3.650E-03
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        211
212
                                        2.834E-03
                       0.000E+00
                                                                                                                                          0.000E+00
                                        2.930E-03
                                                                                         0.000E+00
0.000E+00
                        0.000E+00
                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                          U.000E+00
                                                        3.376E-03
        213
                        0.000E+00
                                        2.934E-03
                                                                         0.000E+00
                                                         3,650E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        214
215
                       0.000E+00
0.000E+00
                                        2.895E-03
                                                                                                         0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                         5.087E-03
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                        2.884E-03
2.907E-03
                                                        4.070E-03
3.946E-03
                                                                                         0.000E+00
                        0.000E+00
                                                                         0.000E+00
         216
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0 000E+00
                        0.000E+00
        217
```

0.000E+00

0-000E+00

0.000E+00

0.000E+00

3.985E-03

```
0.000E+00
0.000E+00
0.000E+00
                                                      4.090E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                      2.971E-03
2.997E-03
       219
220
                      0.000E+00
0.000E+00
                                                      4.619E-03
                                                                      0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                      0.000E+00
                                      2.993E-03
3.012E-03
                                                      6,947E-03
                                                                      0.000E+00
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0 000E+00
                      0.000E+00
       222
                                                                      0.000E+00
0.000E+00
0.000E+00
                                      3.048E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
       223
                      0.000E+00
                                                      3,959E-03
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                      0.000E+00
                                      3.057E-03
       224
                      0.000E+00
0.000E+00
                                                      3.756E-03
5.006E-03
                                      3.041E-03
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       225
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                      3.167E-03
                                                      4.550E-03
                                                                      0 000E+00
                                                                                      D_000E+00
        226
                                                                                      0.000E+00
                      0.000E+00
0.000E+00
0.000E+00
                                      3.179E-03
                                                      4.565E-03
                                                                      0.00DE+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       227
                                                                                                                      0.000E+00
0.000E+00
                                      3.166E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                                      0 000E+00
       228
                                                                                                                                      0.000E+00
                                      3.243E-03
3.296E-03
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                      4.892E-03
                                                                                      0.D00E+00
                                                                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                      5.573E-03
       230
                      0.000E+00
                                      3.301E-03
                                                                      0.000E+00
                      0.000E+00
                                                      6.769E-03
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       231
                                                      6.896E-03
5.395E-03
6.581E-03
                                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                      0.000E+00
                                      3.423E-03
                                                                      0 000E+00
                                                                                      0 000E+00
                                                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                      3.444E-03
3.430E-03
                      0.000E+00
0.000E+00
       233
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
       234
                                      3.598E-03
3.572E-03
3.589E-03
                                                                                                                                      0.000E+00
                                                      7.353E-03
6.716E-03
6.558E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                      0,000E+00
                                                                                                                      0.000E+00
                      0.000E+00
                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                      0.000E+00
0.000E+00
        236
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
       237
                                                      6.709E-03
                                                                                                                      0.000E+00
                                      3.723E-03
3.732E-03
                      0.000E+00
                                                                      0.000E+00
                                                      6.247E-03
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                      0.000E+00
0.000E+00
                                                                      0.000E+00
        239
                                                      6.476E-03
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                      3.959E-03
                                                                      0.000E+00
        240
                                                                                                                      0.000E+00
                                                      6.857E-03
7.062E-03
                      0.000E+00
0.000E+00
                                                                      0.000E+00
                                      3.949E-03
                                      4.179E-03
                                                                      0.000E+0D
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
        242
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                                      7.017E-03
                                                                      0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
        243
                      0.000E+00
                                      4.415E-03
4.380E-03
                                                      7.261E-03
6.556E-03
                                                                      0.000E+00
                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                      0.000E+00
        245
                                       1.384E-03
                                                                                                                                      0,000E+00
        246
                      0.000E+00
                                                       1.686E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0,000E+00
                                      1.382E-03
1.359E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                      0.000E+00
0.000E+00
                                                      2.015E-03
                                                                      0.000E+00
0.000E+00
                                                       2.070E-03
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
        248
                                                       1.740E-03
                                                                      0 000E+00
                                                                                      D.000E+00
                                                                                                      0.00E+00
                                                                                                                      0:000E+00
                                                                                                                                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 202
                      0.000E+00
                                                      1.610E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                       1.329E-03
                                                      2.177E-03
2.132E-03
2.008E-03
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                      1.313E-03
1.297E-03
                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                                                      0.000E+00
                                                                                      0.000E+00
        251
                                                                      0.000E+00
                                                                                      0.000E+00
        2.52
                      0.000E+00
                                       1.287E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        253
                                                                                                                                      0.000E+00
                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                      1.282E-03
                                                      2.278E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                      1.276E-03
1.274E-03
                                                      2.114E-03
2.239E-03
        255
                      0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
        256
                      0.000E+00
                                                                                                                                      0.000E+00
                                                      1.800E-03
2.165E-03
1.338E-03
                      0.000E+00
                                      1.274E-03
1.279E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        258
                      0 000E+00
                                      1.283E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        259
                                      1.294E-03
1.307E-03
1.320E-03
                                                                                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                      0.000E+00
                                                      9.396E-04
                                                      4.695E-04
8.113E-04
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        261
                      0.000E+00
                      0.000E+00
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
        262
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      D.000E+00
                                       1.336E-03
                                                      1.048E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                                      0.000E+00
        263
                                      1.315E-03
1.369E-03
                                                                                                                       0.000E+00
                                                                                                      0.000E+00
        264
                      0.000E+00
                                                      9.681E-04
                                                      1.272E-03
1.403E-03
                                                                       0.000E+0D
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        265
                                                                                      0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                       1.371E-03
                                                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      1.413E-03
        267
                      0.000E+00
                                      1.389E-03
1.402E-03
                                                      1.443E-03
1.535E-03
1.479E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        268
                                                                                                                                      0.000E+00
0.000E+00
                                      1.386E-03
1.372E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
        270
        271
                      0.000E+00
                                      1.405E-03
                                                       1.847E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      1.361E-03
1.359E-03
                                                      1.797E-03
1.823E-03
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        273
                      0.000E+00
                                      1.367E-03
                                                      2.398E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        274
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                       1.447E-03
                                                      1.402E-03
                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        276
                                      1.434E-03
1.391E-03
                                                       1.850E-03
                      0.000E+00
                                                       2.143E-03
                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        277
                      0.000E+00
                                       1.394E-03
                                                      2.080E-03
                                                                      0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      1.586E-03
1.990E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                       1.369E-03
        279
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                       1.354E-03
        280
                      0.000E+00
                                                                                                      0.000E+00
0.000E+00
        281
                      0.000E+00
                                                       2.308E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      2.235E-03
                                                                                      0.000E+00
0.000E+00
                      0.000E+00
                                      1.326E-03
                                                                      0.000E+00
                                                      2.213E-03
2.308E-03
2.293E-03
                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                      1.323E-03
1.317E-03
        283
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
        284
                      0.000E+00
                                      1.313E-03
1.314E-03
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                                       1.894E-03
                                                                                                      0.000E+00
                                                                                                                       0.000E+D0
                                                                                                                                       0.000E+00
        286
                                                      2.205E-03
1.340E-03
                      0.000E+00
                                       1.315E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+0D
                                                                                                                                       0.000E+00
        287
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                      0.000E+00
                                       1.328E-03
                                                                                                                                       0.000E+00
                                                       8.393E-04
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
                                      1.332E-03
1.347E-03
        289
                                                                                                                                       0.000E+00
                                                       6.195E-04
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
        290
                                                       9.787E-04
                                                                                                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                       1.366E-03
                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
                                      1.385E-03
1.405E-03
                                                      1.088E-03
1.224E-03
        292
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        293
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
                                       1.425E-03
                                                       1.399E-03
                                                                       0.000E+00
                                                                                                      0.000E+00
                                                      1.514E-03
1.444E-03
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
0.000E+00
        295
                      0.000E+00
                                      1.442E-03
1.453E-03
                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        296
                      0.00DE+00
                                       1.425E-03
                                                       1.611E-03
                                                                       0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      1.457E-03
1.473E-03
                                                      1.580E-03
1.981E-03
                                                                       0.000E+00
0.000E+00
        298
                      0,000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
        299
                                       1.428E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        300
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                      1.420E-03
                                                       2.101E-03
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                      0.000E+00
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 203
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
Input File: g:\ace\GQ91\GQPACE.DAT
                                                             Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0 000E+00
                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                      1.429E-03
1.474E-03
1.491E-03
                                                      2.717E 03
1.247E-03
1.566E-03
                                                                                                                       0.000E+00
0.000E+00
                                                                       0.000E100
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
        303
                                                                                                                                       0.000E+00
        304
        305
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                      2.020E-03
2.254E-03
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                       1.471E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                      0.000E+00
```

1.449E-03

308 309 310 311 312 313 315 316 317 318 319 321 322 323 324 325 327 328 327 328 327 328 327 328 327 328 327 328 327 328 327 328 327 328 327 328 327 328 329 330 331 331 331 331 331 331 331 331 331	0.000E+00	1.426E-03 1.408E-03 1.389E-03 1.372E-03 1.359E-03 1.362E-03 1.362E-03 1.362E-03 1.372E-03 1.362E-03 1.372E-03 1.387E-03 1.387E-03 1.445E-03 1.445E-03 1.500E-03 1.514E-03	2.031E-03 1.697E-03 2.354E-03 2.354E-03 2.093E-03 2.093E-03 2.44E-03 1.993E-03 7.131E-04 8.247E-04 8.247E-03 1.112E-03 1.112E-03 1.112E-03 1.598E-03 1.433E-03 2.115E-03	0.000E+00	0.000E+00	0.000E+00			ODEL VERS. 93288	
E File: g: 354 355 356 357 358 359 360 361 362 363 364 365 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 387 388 389 390 391 392 393 394 395 396 397 398 399 400	\ace\GQ91\GQP4 0.000E+00	1.605E-03 1.618E-03 1.576E-03 1.576E-03 1.569E-03 1.596E-03 1.582E-03 1.512E-03 1.619E-03 1.586E-03 1.586E-03 1.586E-03 1.596E-03 1.596E-03 1.596E-03 1.596E-03 1.596E-03 1.596E-03 1.596E-03 1.596E-03 1.499E-03 1.499E-03 1.499E-03 1.499E-03 1.499E-03 1.499E-03 1.499E-03 1.491E-03 1.576E-03 1.576E-03 1.576E-03 1.576E-03 1.576E-03 1.576E-03 1.576E-03 1.576E-03 1.664E-03 1.715E-03 1.664E-03	Output 1.813E-03 2.260E-03 2.019E-03 2.751E-03 2.725E-03 2.638E-03 2.934E-03 1.816E-03 1.816E-03 1.923E-03 2.363E-03 2.363E-03 2.364E-03 2.364E-03 2.444E-03 2.579E-03 2.3448E-03 1.31E-04 1.187E-03 1.252E-03 1.751E-03 1.751E-03 1.751E-03 1.751E-03 1.796E-03 2.581E-03 3.100E-03 3.109E-03 2.581E-03 3.109E-03 2.581E-03 3.109E-03 2.555E-03 2.293E-03 2.555E-03 2.555E-03 2.555E-03	5 File: g:\ac 0.000E+00	Ge\GQ91\GQPAC 0.000E+00	0.000E+00	0.000E+00	11/07/95 09:4 0.000E+00	1:42 Page - 20	4

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                     1.572E-03
1.572E-03
1.590E-03
                                                    2.405E-03
2.303E-03
2.512E-03
                                                                    0.000E+00
                                                                                                   0.000E+00
       401
402
                      0 000E+00
                                                                                                                                  0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                     0.000E+00
0.000E+00
        403
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                     1.602E-03
                                                     1.264E-03
                                                                    0.000E+00
                                                                                    0 000E+00
                                                                                                   0.000E+00
       404
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                     1,621E-03
                                                     1.059E-03
                                                                    0.000E+00
        405
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 205
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                     1.356E-03
                                                                                    0.000E+00
                      0.000E+00
                                     1.628E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     1.582E-03
                                     1.654E-03
1.673E-03
                      0.000E+00
        407
                                                                                                                                  0.000E+00
0.000E+00
                                                     1.885E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0 000E+00
        408
                                     1.705E-03
1.746E-03
1.777E-03
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                     1.822E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.0000000
                      0.000E+00
        409
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     2.125E-03
2.633E-03
                      0.000E+00
        410
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                      0.000E+00
0.000E+00
                                      1.764E-03
                                                     2.702E-03
                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
        412
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.814E-03
1.817E-03
                                                     3.433E-03
3.222E-03
        413
                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
        414
                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                     1.801E-03
                                                     3.109E-03
                                                                                    0.000E+00
        415
                                                     3.358E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.772E-03
1.700E-03
                      0.000E+00
        416
                                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                     2.997E-03
                                                                                    0.000E+00
                                                                                                   0.000E+00
                      0.000E+00
        417
                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                     1.685E-03
                                                     2.279E-03
2.472E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
        418
                                                                                                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
0.000E+00
                                     1.655E-03
1.843E-03
                                                     2.039E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0 000E+00
                                                                                                                   0.000E+00
        420
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                      1.873E-03
                                                     1.700E-03
        421
                                                     1.866E-03
2.051E-03
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                     1.833E-03
                                                                                                                                  0.000E+00
                                     1.800E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                                                   0.000E+00
        423
                                                                                                                   0.000E+00
                                                     1.721E-03
                                                                                                                                  0.000E+00
                                     1.775E-03
1.760E-03
1.737E-03
                      0.000E+00
                                                                     0.000E+00
        424
                                                     2.353E-03
2.701E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                                                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                      0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
        426
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     2.081E-03
2.704E-03
2.398E-03
                                     1.722E-03
1.692E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
                      0.000E+00
        427
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
        428
                      0.000E+00
                                                                                                                                  0.000E+00
                                     1.683E-03
                                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                      0.000E+00
        429
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                     2.635E-03
2.475E-03
2.580E-03
                      0.000E+00
                                      1.668E-03
                                                                     0.000E+00
        430
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.677E-03
                      0.000E+00
0.000E+00
        431
                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                      1.680E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
        432
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                     1.132E-03
1.253E-03
                                                                     0.000E+00
                                     1.696E-03
        433
                                     1.737E-03
1.750E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
        434
                                                                                                                                  0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                     1.451E-03
                                                                     0.000E+00
                                                                                                                   0.000E+00
        435
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.768E-03
1.787E-03
1.822E-03
                                                                     0.000E+00
        436
                      0.000E+00
                                                     1.962E-03
                                                     1.823E-03
2.318E-03
                                                                                                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                     0.000E+00
        437
                      0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
        438
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     1.867E-03
1.887E-03
                                                     2.880E-03
                      0.000E+00
                                                     3,188E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                  0.000E+00
        440
                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                      1.926E-03
                                                     3.707E-03
                                                                     0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
        441
                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                      0.000E+00
                                     1.928E-03
1.936E-03
                                                     3.095E-03
3.598E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        443
                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E100
0.000E+00
                                                                                                   0.000E100
        444
                                      1.866E-03
                                                     3.398E-03
                                                                     0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                     2.636E-03
2.690E-03
        445
                      0.000E+00
                                      1.844E-03
                                      1.860E-03
                                                                     0.000E+00
                                                                                    0.000E100
                                                                                                   0.000E100
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        446
                      U.000E+00
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                      1.811E-03
                                                     2.770E-03
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     2.536E-03
1.932E-03
        448
                      0.000E+00
                                      1.781E-03
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                      2.053E-03
        449
450
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                      1.987E-03
                                                     2.164E-03
                                                                     0.000E+00
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        451
                      0.000E+00
                                      1.990E-03
                                                     2.008E-03
                                                                                                                                   0.000E+00
                      0.000E+00
                                      1.938E-03
                                                     1.867E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
        452
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                      1.917E-03
                                                     2.166E-03
        453
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     1.892E-03
                      0.000E+00
                                      1.903E-03
                      0.000E+00
0.000E+00
                                                     2.637E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                      1.861E-03
        455
                                                                                                                                   0.000E+00
        456
                                     1.837E-03
                                                     2.750E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0 000E+00
                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                      0.000E+00
                                      1.812E-03
                                                     2.774E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                            Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                11/07/95
                                                                                                                                             09:41:42
                                                                                                                                                            Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
                                                                     0.000E+00
                                      1.786E-03
1.780E-03
1.791E-03
                                                     2.742E-03
2.636E-03
2.753E-03
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                      0.000E+00
        460
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
        461
                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
        462
                      0.000E+00
                                      1.855E-03
                                                      1.111E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                     1.539E-03
1.948E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                      1.852E-03
1.887E-03
        463
                      0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                      0.000E+00
        464
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                      0.000E+00
                                                                     0.000E+00
0.000E+00
                                      1.907E-03
                                                     2.036E-03
                                                                                    0.000E+00
        465
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      1.934E-03
1.969E-03
                                                     2.534E-03
3.182E-03
                      0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        467
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                       0.000E+00
                                      2.022E-03
                                                     3.704E-03
                                                                     0.000E+00
                                                                                    0.000E+00
        468
                                                                     0.000E+00
                                                     3.859E-03
3.737E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      2.066E-03
2.084E-03
                       0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                       0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
        470
                                                                                                                   0.000E+00
                       0.000E+00
                                      2.085E-03
                                                     3.833E-03
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
        471
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                      0.000E+00
                                      2.010E-03
                                                     3.079E-03
2.948E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      2.036E-03
                      0.000E+00
        473
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
        474
                                      2.011E-03
                                                      3.004E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                      1.966E-03
1.905E-03
                                                     2.672E-03
2.128E-03
                       0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        476
                      0.000E+00
                                                     1.549E-03
2.229E-03
1.947E-03
2.167E-03
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                       0.000E+00
                                      1.806E-03
        477
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                       0.000E+00
                                      2.202E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      2.250E-03
2.137E-03
        479
                       0.000E+00
                                                                                                                                   0-000E+00
                       0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
        480
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                       0.000E+00
                                      2.117E-03
                                                      2.266E-03
                                                                     0.000E+00
0.000E+00
        481
                                                      1.843E-03
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                     0.000E+00
        482
                       0.000E+00
                                      2.085E-03
2.063E-03
                                                      2.292E-03
                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E100
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                       0.000E+00
        483
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                       0.000E+00
                                      2.071E-03
                                                      2.100E-03
                                                                     0.000E+00
                                                                                     0.000E+00
                                                     2.974E-03
2.588E-03
2.765E-03
2.947E-03
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                      2.043E-03
                                                                                     U. 000E+00
                                                                     0.000E+00
        485
                       0.000E+00
                                      1.973E-03
1.954E-03
1.991E-03
                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                       0.000E+00
                                                                     0.000E+00
        486
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                       0.000E+00
                                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        488
                       0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

489

2.017E-03

1.301E-03

```
1.847E-03
2.241E-03
2.770E-03
3.568E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                 0.000E+00
                                         2.062E-03
2.075E-03
2.092E-03
                        0.000E+00
0.000E+00
        490
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
        491
492
                                                                                                                                                 0.000E+00
                        0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                                                             0.000E+00
                                         2.117E-03
                                                                            0.000E+00
        493
                        0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                         2,162E-03
                                                           4,200E-03
        494
                                                                                                                                                 0.000E+00
                                                                                                                               0.000E+00
        495
                        0.000E+00
                                         2.207E-03
2.257E-03
                                                          3.809E-03
4.258E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
        496
497
                        0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                         2.203E-03
                                                           3.626E-03
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0 000E+00
                                                          3.254E-03
3.268E-03
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                         2.172E-03
2.196E-03
        498
                        0.000E+00
                                                                            0.000E+00
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
        499
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                         2.176E-03
                                                           2.800E-03
                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
        500
                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                          2.110E-03
1.436E-03
         501
                        0.000E+00
                                         2.125E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
        502
                        0.000E+00
                                         2 016E-03
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                          1.955E-03
                                                           9.018E-04
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        503
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                         1.942E-03
2.430E-03
                                                                            0.000E+00
0.000E+00
                                                           5.907E-04
2.454E-03
         504
                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
        505
                                                           2.551E-03
2.462E-03
2.138E-03
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0,000E+00
                        0.000E+00
                                         2.427E-03
                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        506
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                         2.416E-03
2.306E-03
                                                                            0.000E+00
0.000E+00
        507
                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
        508
                                                                                                                                                 0.000E+00
                                         2.324E-03
                                                           2.398E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
        509
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 207
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                         2.282E-03
2.265E-03
                                                          2.205E-03
2.435E-03
2.418E-03
3.978E-03
                                                                                             0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
        511
                        0.000E+00
                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
                                         2 207E-03
        512
                                                                                                                                                 0.000E+00
0.000E+00
                                         2.225E-03
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
        513
                                                           2.627E-03
1.743E-03
2.289E-03
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                        0.000E+00
                                          2.213E-03
                                                                                                              0.000E+00
        514
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
                                         2 223E-03
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                          2.298E-03
        516
517
                                                                            0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                          2.301E-03
                                                           2.996E-03
                                                                                             0.000E+00
                                                                                                                                                 0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         518
                        0.000E+00
0.000E+00
                                                           4.080E-03
                                         2.321E-03
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                          2.325E-03
                                                           4.600E-03
                                                                                             0.000E+00
                                                                                                                                                 0.000E+00
        519
                                                                                                                                                 0.000E+00
         520
                        0.000E+00
                                         2.415E-03
2.477E-03
                                                           4.568E-03
4.281E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         521
                        0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                          2.427E-03
                                                           3.618E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                                                                 0.000E+00
         522
                                                                                                                                                 0.000E+00
                                         2.458E-03
2.415E-03
2.388E-03
                                                           3.563E-03
2.905E-03
2.038E-03
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
                                                                            0.000E+00
         523
                                                                            0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                        0.000E+00
0.000E+00
         524
                                                                                             0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
         525
                                                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                         2.242E-03
2.189E-03
                                                           1.270E-03
7.706E-04
9.710E-04
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
         526
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                        0.000E+00
0.000E+00
         52.7
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                          2.178E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
         528
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                                           1.145E-03
1.279E-03
         529
                                          2.040E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                          1.846E-03
         530
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                          2.262E-03
                                                                            0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
         531
                                                           2.012E-03
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
                                         2.664E-03
2.639E-03
                                                           2.313E-03
2.612E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         รออ
                                                           2.791E-03
2.745E-03
2.382E-03
2.546E-03
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
                                          2.627E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
0.000E+00
         534
                                                                                             0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                         2.560E-03
2.596E-03
                                                                            0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         536
                                                                                                                                                 0.000E+00
                                          2.614E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         537
                                                                                                                                                 0.000E+00
                                                           2.800E-03
2.111E-03
2.399E-03
                                                                                                                                0.000E+00
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
                                         2.400E-03
2.537E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
         539
                        0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
         540
                                          2.596E-03
                                                           4.361E-03
4.779E-03
4.998E-03
                                         2.569E-03
2.599E-03
                        0.000E+00
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         542
543
                                                                                                                               0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                          2.668E-03
                                                           4.047E-03
3.883E-03
                        0.000E+00
0.000E+00
                                         2.694E-03
2.783E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         545
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                              0.000E+00
0.000E+00
         546
                        0.000E+00
                                          2.703E-03
                                                           2.967E-03
                                                                            0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                         2.721E-03
2.487E-03
2.547E-03
                                                                            0.000E+00
                                                           1.889E-03
                                                           1.047E-03
1.275E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         548
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         549
                                                                                                                                                 0.000E+00
                                         2.461E-03
2.245E-03
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0 000E+00
                        0.000E+00
                                                           1.463E-03
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                           1.580E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                        0.000E+00
0.000E+00
         551
                                          2.217E-03
                                                                                                                                                 0.000E+00
0.000E+00
                                                           1.625E-03
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         552
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0 000E+00
         553
                        0.000E+00
                                          2.197E-03
                                                           1.702E-03
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                           1.803E-03
2.181E-03
         554
                        0.000E+00
0.000E+00
                                         2.030E-03
2.733E-03
                                                                                                                                                 0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
         555
                         0.000E+00
                                         3.136E-03
2.796E-03
                                                           1.866E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                           2.443E-03
2.472E-03
         557
                        0.000E+00
                                          3.034E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                        0.000E+00
         558
                                                                                                                                                 0.000E+00
                                                           2.749E-03
3.030E-03
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                        0.000E+00
                                          2.969E-03
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                          2.907E-03
         560
                        0.000E+00
                                          3.055E-03
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                           2.712E-03
                                                                             0.000E+00
                        0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                               11/07/95
                                                                                                                                                             09:41:42
                                                                                                                                                                             Page -
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                         0.000E+00
                                                                                              0:000E+00
                                          2.975E-03
                                                           3.130E-03
                                                                             0.000E+00
                                         2.907E-03
3.012E-03
                                                           3.976E-03
7.322E-03
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                                                            0.000E+00
                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
         563
                                                                                             0.000E+00
0.000E+00
0.000E+00
                         0.000E+00
                                                                            0.000E+00
                                                                                                                                0 000E+00
         564
                                                                                                                                                 0.000E+00
                                                           6.458E-03
5.618E-03
4.531E-03
4.215E-03
                                                                                                                                0.000E+00
                                          3.053E-03
         565
                        0.000E+00
                                                                            0.000E+00
                                          2.987E-03
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         566
567
                        0.000E+00
                                                                            0.000E+00
                         0.000E+00
                                          3.014E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                         0.000E+00
                                          3.058E-03
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                         3.166E-03
3.154E-03
                                                           2.954E-03
1.641E-03
         569
                        0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
                         0.000E+00
         570
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                         0.000E+00
                                          2.988E-03
                                                           1.649E-03
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
         572
                         0.000E+00
                                          2.975E-03
2.763E-03
                                                           1.825E-03
         573
                         0.000E+00
                                                           2.035E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
         574
                         0.000E+00
                                          2.653E-03
                                                           2.178E-03
2.248E-03
                                                                             0.000E+00
                                                                                              0.000E100
                                                                                                               0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                  0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                0.000E+00
         575
                        0.000E+00
                                          2.623E-03
                                          2.323E-03
                                                           2.251E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                 0.000E+00
         576
                        0.000E+00
                                                                                                                                                 0.000E+00
                                         2.330E-03
2.204E-03
                                                                                                                                0 000E+00
                        0.000E+00
                                                           2.199E-03
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                               0.000E+00
```

0.000E+00

2.104E-03

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                    2.121E-03
3.235E-03
3.370E-03
                                                                  0.000E+00
0.000E+00
                                                   1.980E-03
                                                                                 0.000E+00
                     0.000E+00
       579
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                   2.236E-03
                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0 000E+00
                                                                                                                0.000E+00
                                                                                                                                0 000E+00
                     0.000E+00
       581
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                  0.000E+00
       582
                                    3.524E-03
                                                   2.531E-03
                                                                   0.000E+00
                     0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                   2.367E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                    0.000E+00
0.000E+00
                                    3.685E-03
       583
                                                   2.554E-03
2.513E-03
3.168E-03
                                                                                                                                0.000E+00
                                    3.485E-03
                                                                   0.000E+00
                                                                                  0 000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
       584
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                  0.000E+00
0.000E+00
       585
                     0.000E+00
                                    3.478E-03
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                0.000E+00
       586
                     0.000E+00
                                    3.588E-03
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                     0.000E+00
                                    3.717E-03
                                                   3.459E-03
                                                                   0.000E+00
                                                                                                 0.000E+00
                                                                                                                0.000E+00
       587
                                                                   0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                    3.764E-03
3.530E-03
                                                   6.646E-03
4.573E-03
                     0.000E+00
       588
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
       589
                                                                                                                                0.000E+00
                                    3.729E-03
                                                   2.833E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
       590
                                                                                  0.000E+00
                                                   2.466E-03
2.651E-03
2.746E-03
                                                                                                 0.000E+00
                                                                                                                 0,000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                    3.743E-03
                                                                  0.000E+00
0.000E+00
       591
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3 610E-03
                     0.000E+00
                                                                                                                                0.000E+00
                                    3.438E-03
                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                 0.000E+00
       593
                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3.279E-03
3.176E-03
2.958E-03
                     0.000E+00
                                                   2.735E-03
                                                                   0.000E+00
       594
                                                   2.629E-03
2.454E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
       596
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                     0.000E+00
                                    2.797E-03
                                                    2.238E-03
       597
                                    2.665E-03
                                                    2.007E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
       598
                     0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                   1.778E-03
1.561E-03
                                                                                  0.000E+00
0.000E+00
                     0.000E+00
                                                                   0.000E+00
                                                                                                 0.000E+00
       599
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                    2.488E-03
2.278E-03
       600
                                                    1.362E-03
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
       601
                     0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                 0.000E+00
                                    2.217E-03
                                                    1.185E-03
                                                                   0.000E+00
                                                                                  0.000E+00
       602
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
0.000E+00
                                    3.469E-03
3.683E-03
                                                    5.673E-03
5.915E-03
                     0.000E+00
       603
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                     0.000E+00
       604
                     0.000E+00
                                                    6.191E-03
6.511E-03
                                                                   0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                    3.902E-03
                                                                                                 0.000E+00
       605
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    4.129E-03
4.370E-03
                     0.000E+00
       606
                                                                                                                                0.000E+00
0.000E+00
                                                    6.892E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
       607
                                                                                                                 0.000E+00
                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                    4.383E-03
                                                    7.362E-03
                                                                                  0.000E+00
                                                                                                 0.000E+00
       608
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                  0.000E+00
                                    4.547E-03
4.608E-03
                                                    7 962E-03
                     0.000E+00
                                                    3.333E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
       610
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    4.662E-03
                                                                   0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
                     0.000E+00
                                                    3.292E-03
       611
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
                                    4.587E-03
4.226E-03
                                                    3.165E-03
                                                    2.861E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 209
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                    3.911E-03
3.736E-03
3.543E-03
                                                    2.475E-03
                     0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                    2.083E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                     0.000E+00
       615
616
                                                                                  0.000E+00
0.000E+00
                                                    1.847E-03
1.762E-03
                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                     0.000E+00
0.000E+00
                                    3 434E-03
                                    3.134E-03
                                                    1.680E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       618
                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                  0.000E+00
                     0.000E+00
                                    3.044E-03
                                                    1.601E-03
1.526E-03
                                                                   0.000E+00
0.000E+00
       619
                                                                                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                    2.814E-03
2.710E-03
                     0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                    1.456E-03
                                                                   0.000E+00
                                                                                                  0.000E+00
       621
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                    1.391E-03
1.330E-03
                                                                   0.000E100
                     0.000E+00
                                    2.452E-03
       622
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    2.359E-03
2.220E-03
                                                                   0.000E+00
                     0.000E+00
0.000E+00
       623
                                                    1.273E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0 000E+00
       624
                                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3.629E-03
3.759E-03
                                                    9.946E-03
1.031E-02
                     0.000E+00
                                                                   0.000E+00
       625
                                                                                                                                0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                                 0.000E+00
       626
                     0.000E+00
                     0.000E+00
                                     3.690E-03
                                                    1.070E-02
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       627
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                    1.110E-02
1.157E-02
                                     3.659E-03
                     0.000E+00
                                                                   0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                     4.671E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       629
                     0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                     5.207E-03
                                                    1.216E-02
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
       630
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                                    5.787E-03
6.574E-03
                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                    1.305E-02
1.458E-02
                     0.000E+00
       631
                                                                                                                                0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       632
                     0.000E+00
                     0.000E+00
                                     6.246E-03
                                                    2.372E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       633
                                                    2.128E-03
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     5.423E-03
                                                                   0.000E+00
                                                    1.921E-03
1.768E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
                                     5.091E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                     4.704E-03
       636
                                                                                                                                0.000E+00
                                                    1.644E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       637
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                    1.540E-03
1.448E-03
                                                                   0.000E+00
       638
                     0.000E+00
                                     4.018E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                    3.715E-03
                                                                   0.000E+00
       639
                     0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                                    1.367E-03
                                                                   0.000E+00
                                                                                                                 0.000E+00
       640
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                    1.295E-03
1.230E-03
                     0.000E+00
                                     3.083E-03
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     3.016E-03
       642
                                                                                                                                0.000E+00
                     0.000E+00
                                     2.864E-03
                                                    1.171E-03
                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                 0 000E+00
       643
                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
                                    2.683E-03
2.538E-03
                                                    1.118E-03
                                                                   0.000E+00
                                                    1.069E-03
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
                                     2.357E-03
                                                    1.024E-03
                                                                   0.000E+00
                                                                                  0.000E+00
       646
                                                                                                                                0.000E+00
                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                   0.000E+00
                                    2.222E-03
3.701E-03
                     0.000E+00
                                                    9.825E-04
                                                    7.837E-03
7.746E-03
7.606E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
       648
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                     3.966E-03
                                                                   0.000E+00
                                                                                                                 0 000E+00
       649
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                   0.000E+00
                     0.000E+00
                                     4.244E-03
                                                    7.416E-03
7.191E-03
                                     4.544E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
0.000E+00
       651
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                     4.896E-03
                                                                   0.000E+00
                                                                                                                 0 000E+00
       652
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     5.353E-03
                                                    6.986E-03
6.852E-03
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
        654
                     0.000E+00
                                     5.997E-03
                                                    6.747E-03
4.032E-03
2.318E-03
1.905E-03
                                                                                                                                0.000E+00
                                     6.997E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0 000E+00
                     0.000E+00
       655
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                     0.000E+00
                                     1.030E-02
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                     7.750E-03
        657
                     0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     6.504E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
       658
                                                    1.945E-03
1.874E-03
1.733E-03
                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     5.733E-03
                                                                                   0.000E+00
       659
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                     5.215E-03
4.819E-03
                                                                                                                 0.000E+00
                     0.000E+00
                     0.000E+00
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
        661
                                                                                                                                0.000E+00
                     0.000E+00
                                                    1.554E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0 000E+00
       662
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                     0.000E+00
                                     4.156E-03
                                                    1.365E-03
1.187E-03
                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
        664
                     0.000E+00
                                     3.832E-03
                                                    1.027E-03
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     3.529E-03
                                                                                                       * OUTPUT OF AMI/SBCAFCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 210
    SEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                                                          Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
                     0.000E+00
                                     3.272E-03
                                                    9.250E-04
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                                                0.000E+00
                     0.000E+00
                                     3.028E-03
                                                    8.585E-04
                                                                   0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                 0.000E+00
```

```
2.402E-03
                                                       6.778E-04
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0 000E+00
                                                                                                                                         0 000E+00
                      0.000E+00
        671
                                                                                        0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0,000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
                                       2.274E-03
3.045E-03
                                                       6.614E-04
2.353E-03
        672
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        673
674
                      0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
                                       3.093E-03
                                                       2.650E-03
                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                       2.904E-03
        675
                      0.000E+00
                                       3.116E-03
                                                       3.225E-03
                                                                                                                                         0.000E+00
0.000E+00
                                       3,676E-03
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                      0 000E+00
        676
677
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       4.618E-03
                                                       3.590E-03
                                                                                                        0.000E+00
                                                                                                                         0 000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
                                                       3.574E-03
        678
                                       5.305E-03
                                       5.952E-03
                                                       3.953E-03
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        679
                                                       3.770E-03
6.030E-03
5.571E-03
                                                                       0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
                                       6.901E-03
8.511E-03
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0 000E+00
                                                                                                                                         0.000E+00
        680
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                        0.000E+00
                      0.000E+00
0.000E+00
        681
                                                                                                                        0.000E+00
0.000E+00
                                       1.170E-02
                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                                         0.000E+00
        682
                                                                                                                                         0.000E+00
                                       9.891E-03
9.730E-03
7.609E-03
                       0.000E+00
                                                       8.122E-03
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                        0.000E+00
        683
                                                       1.164E-02
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
        684
                                                                                                                                         0.000E+00
0.000E+00
                                                       2.654E-03
                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        685
                                       6.445E-03
5.664E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                       1.824E-03
1.600E-03
                                                                                                         0.000E+00
                       0.000E+00
        686
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
        687
                                                                       0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                       5.034E-03
                                                        1.348E-03
                                                                                        0.000E+00
        688
                                                       1.482E-03
1.531E-03
1.510E-03
                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       4.735E-03
4.455E-03
        689
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        690
                       0.000E+00
                                       4.144E-03
3.772E-03
3.521E-03
3.267E-03
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        691
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                       1.441E-03
1.343E-03
                                                                       0.000E+00
0.000E+00
                                                                                                         0.000E+00
                       0.000E+00
        692
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
        693
                                                       1.231E-03
1.117E-03
1.007E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        694
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       3.080E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       2.888E-03
        696
                       0.000E+00
                                       2.714E-03
2.550E-03
2.405E-03
                                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                                        9.052E-04
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        697
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                      0.000E+00
0.000E+00
                                                       8.712E-04
8.401E-04
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        699
                                                                                                        0.000E+00
0.000E+00
                       0.000E+00
                                       2.305E-03
                                                        8.007E-04
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        700
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
0.000E+00
                                       3.564E-03
3.656E-03
                                                                       0.000E+00
0.000E+00
                                                       2.344E-03
2.001E-03
                                                                                        0.000E+00
        701
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
        702
                                                                       0.000E+00
0.000E+00
0.000E+00
                                       4.042E-03
                                                        2.791E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0 000E+00
        703
                                       4.320E-03
3.922E-03
                                                                                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                                        2.761E-03
        704
                                                                                                                                         0.000E+00
0.000E+00
                                                        3.482E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        705
                                                        3.764E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       4.960E-03
        706
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       5.262E-03
                                                        3.646E-03
        707
                       0.000E+00
                                       5.545E-03
                                                        4.111E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
        708
                                       5.292E-03
5.998E-03
                                                        5.465E-03
6.019E-03
7.445E-03
                                                                       0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                       0.000E+00
        709
                                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        710
                       0.000E+00
                       0.000E+00
                                       6.010E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        711
                                                                                                                                         0.000E+00
                                                        1.016E-02
2.469E-03
2.169E-03
                                                                                                                         0.000E+00
                       0.000E+00
                                       5.875E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                       5.352E-03
        713
                       0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                       5.726E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
        714
                                                                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E100
                       0.000E+00
                                       5.169E-03
                                                        1.836E-03
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                        1.344E-03
1.053E-03
                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                       4.840E-03
4.396E-03
                                                                        0.000E100
                                                                                                         0.000E100
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 211
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                          0.000E+00
                                                       1.019E-03
1.129E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       4.277E-03
3.882E-03
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
        719
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                        1.213E-03
1.249E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
        720
                       0.000E+00
                                       3.666E-03
                                                                                                                         0.000E+00
                                       3.511E-03
        721
722
                       0.000E+00
0.000E+00
                                       3.102E-03
                                                        1.245E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
        723
                       0.000E+00
                                       2.949E-03
                                                        1.211E-03
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                        0.000E+00
                                                                                                                         0.000E+00
                                       2.835E-03
2.591E-03
                                                        1.157E-03
        724
                       0.000E+00
                       0.000E+00
                                                        1,090E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        725
                                                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                       2.353E-03
                                                        1.017E-03
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
        726
                                                                                                                         0.000E+00
                                       2.338E-03
2.254E-03
                                                        9.427E-04
8.697E-04
                       0.000E+00
0.000E+00
                                                                        0 000E+00
        727
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                        0.000E+00
        728
                                       2.573E-03
2.724E-03
3.709E-03
                                                        2.550E-03
2.754E-03
2.908E-03
                                                                                                         0.000E+00
0.000E+00
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        729
                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
        730
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        731
                       0.000E+00
                                       3.455E-03
                                                        3.110E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
        732
                                                        2.639E-03
3.700E-03
3.443E-03
                                                                                                                                          0.000E+00
                       0.000E+00
                                       4.061E-03
3.910E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        734
                                       3.651E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        735
                                                       4.987E-03
5.285E-03
6.496E-03
8.102E-03
                                                                                                                                          0.000E+00
                                       3.874E-03
4.220E-03
4.354E-03
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
        736
                       0.000E+00
                                                                                        0.000E+00
                                                                                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
0.000E+00
        737
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        738
                                                                                                                                          0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                       0.000E+00
                                       4.173E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                       8.499E-03
2.845E-03
2.541E-03
1.802E-03
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       4.338E-03
4.214E-03
        740
                       0.000E+00
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        741
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.824E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        743
                       0.000E+00
                                       4.039E-03
                                       4.105E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        744
                                                        1.314E-03
8.752E-04
1.001E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.828E-03
                                                                                                                         0 000E+00
        745
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        746
                                       3.811E-03
3.623E-03
                       0.000E+00
                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        747
                                                        9.595E-04
9.751E-04
9.644E-04
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.534E-03
                                                                        0.000E+00
                                                                                                                         0.000E+00
        748
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                       3.118E-03
3.037E-03
                                                                        0.000E+00
        749
                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        750
                                                                                                                                          0 000E+00
                       0.000E+00
                                       2.979E-03
                                                        1.022E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                       2.741E-03
2.582E-03
                                                                                                         0.000E+00
        752
                       0.000E+00
                                                        1.050E-03
1.054E-03
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
        753
                                       2.458E-03
2.400E-03
                                                        1.037E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                        1.007E-03
        755
                       0.000E+00
                                                                        0.000E+00
                                                        9.656E-04
                                                                                                                                          0.000E+00
                                                                        U.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        756
757
                       0.000E+00
                                       2.193E-03
                                                        2.677E-03
                                       2.867E-03
                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                       0.000E+00
                                       3.031E-03
3.226E-03
                                                        2.909E-03
2.520E-03
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
        758
                       0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0 000E+00
                       0.000E+00
        759
                       0.000E+00
                                       3.090E-03
                                                        3.052E-03
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
```

0.000E+00 0.000E+00 0.000E+00

2.847E-03 2.687E-03 2.539E-03

0.000E+00

0.000E+00

0.000E+00

668

669

670

7.867E-04 7.134E-04 6.924E-04 0.000E+00

0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0 000E+00

```
3.140E-03
3.340E-03
                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                                0.000E+00
                                             3.308E-03
                                                                                   0.000E+00
                          0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                            0.000E+00
0.000E+00
                                             3.144E-03
3.062E-03
2.849E-03
                                                                                                                                                                0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                           0.000E+00
                                                                                                                                                                0.000E+00
                                                                 3.602E-03
         763
                           0.000E+00
                                                                 4.207E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
         764
                           0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 5.245E-03
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                           0.000E+00
                                              3.195E-03
                                                                                                      0.000E+00
0.000E+00
         765
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                             3.241E-03
3.045E-03
                                                                 5.666E-03
8.479E-03
                           0.000E+00
         766
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                              3.217E-03
                                                                 7.076E-03
         768
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                         0.000E+00
                                             3.304E-03
                                                                 2 239E-03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                             11/07/95 09:41:42 Page -
                                                                                                                                                                                                            212
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                                0.000E+00
                                                                                                                                           0.000E+00
                                             3.340E-03
3.243E-03
3.245E-03
                                                                3.092E-03
3.084E-03
2.191E-03
                                                                                   0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                          0.000E+00
                           0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                      0.000E+00
                           0.000E+00
                          0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                      0.000E+00
         772
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                 1.480E-03
1.655E-03
                                                                                    0.000E+00
0.000E+00
         773
                                              3.266E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                             3.369E-03
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                              3.420E-03
                                                                 1.192E-03
                                                                                    0.000E+00
                                                                                                                                             0.000E+00
          775
                                                                 6.641E-04
8.568E-04
                                                                                    0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                             3.266E-03
3.155E-03
          776
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                                                 9.461E-04
9.002E-04
9.003E-04
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                                              3.021E-03
                                                                                                                          0.000E+00
0.000E+00
          77 R
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          779
                                             2.885E-03
2.741E-03
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                0 000E+00
                           0.000E+00
          780
                                                                                                                                                                0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                              2.666E-03
                                                                 9.026E-04
                           0.000E+00
          781
                                                                                                                                                                 0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                                                 8.382E-04
8.803E-04
                                             2.349E-03
2.378E-03
          782
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                                0.000E+00
          783
                                                                                                                                                                0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                              2.301E-03
                                                                 9.036E-04
                                                                                                       0.000E+00
          784
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                                             2.185E-03
2.795E-03
2.491E-03
                                                                 9.105E-04
2.727E-03
                           0.000E+00
          785
                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          786
                                                                 2.033E-03
2.505E-03
2.745E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0 000E+00
          787
                                                                                                                                                                 0.000E+00
                                              2.905E-03
          788
                                             2.412E-03
2.726E-03
2.637E-03
2.387E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          789
                          0.000E+00
0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                 2.758E-03
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          790
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                                                                 3.041E-03
4.169E-03
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
          792
                                              2.717E-03
2.718E-03
2.600E-03
2.598E-03
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                           0.000E+00
                                                                 4.132E-03
          793
                                                                 5.237E-03
6.223E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
          795
                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 8.456E-03
          796
                                              2.598E-03
2.595E-03
2.761E-03
2.702E-03
2.713E-03
2.764E-03
2.756E-03
2.823E-03
                                                                 5.932E-03
2.156E-03
2.936E-03
2.338E-03
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
          797
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
          798
                                                                                                                                                                 0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
          800
                                                                 1.993E-03
1.948E-03
1.319E-03
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
          801
                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
0.000E+00
          802
                                                                                                       0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
0.000E+00
          803
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                              2.858E-03
                                                                 1.527E-03
                                                                                    0.000E+00
          804
                                                                 1.102E-03
5.320E 04
6.817E-04
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                              2.879E-03
          805
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E100
                                              2.928E-03
2.855E-03
                           0.000E+00
0.000E+00
          806
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
          807
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                              2.466E-03
                                                                 8.334E-04
                                                                                    0.000E+00
          808
                                                                 8.944E-04
                                                                                    0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                                              2.587E-03
2.471E-03
                           0.000E+00
          809
                                                                                                                                             0.000E+00
0.000E+00
                                                                  8.445E-04
                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
          810
                                                                                                                                                                 0.000E+00
                                              2.380E-03
2.277E-03
2.234E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                                  8.286E-04
                                                                                                       0.000E+00
          811
                                                                                                       0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
          812
                           0.000E+00
0.000E+00
                                                                 8.525E-04
                                                                 8.122E-04
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                       0.000E+00
                                                                                                                                             0.000E+00
          813
                                                                                                                                             0.000E+00
                                                                                                                                                                 0.000E+00
                           0.000E+00
                                              2.054E-03
                                                                 7.399E-04
                                                                                    0.000E+00
                                                                                                       0.000E+00
```

RECEPTOR # 40 HAS MAXIMUM ACUTE HAZARD INDEX OF 1.568E-02

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 213

*** ACUTE HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 40 ***

POLLUTANT	CONC (ug/m3)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
ACROL Cu HCHO HCN Hg Ni Se XYLEN	0.000E+00 0.000E+00 0.000E+00 2.435E+01 0.000E+00 1.568E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00 4.400E+03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 7.378E-03 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.568E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	0.000E+00	7.378E-03	1.568E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 214

*** ACUTE HAZARD INDEX BY SOURCE FOR PEAK RECEPTOR # 40 ***

POLLUTANT ACROL AEL (ug/m3) = 2.500E+00 BACKGR. (ug/m3) = 0.000E+00

2 = 4		CA	CNS	IMMUN	KIDN	LIVER	REPRO 0.000E+00	RESP 0.000E+00	EYE 0.000E+00	
CE # Source #	1 2 3	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	4 5	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	6 7	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	8 9 10	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	11 12	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	13 14	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	15 16 17	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	18 19	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	20 21	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	22 23 24	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	25 26	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00 0.000E+00	
SOURCE #	27 28 29	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	30 31	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	32 33	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	34 35 36	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	37 38	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	39	0.000E+00	0.000E+00 N PROJECT -	0.000E+00	0.000E+00	0.000E+00 PM10	0.000E+00 * OUTPUT O	0.000E+00 F AMI/SBCAPCE	0.000E+00 ACE2588 MODE	CL VERS. 93288 *
Input Fil	le: g:\ace\G	Q91\GQPACE.I	DAT	Output Fil	.e: g:\ace\G	Q91\GQPACE.O	UT	11/07	7/95 09:41:4	
CE # CE #	40 41 42	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000 E +00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E:00 0.000E+00 0.000E+00	0.000E:00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE #	43 44	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	45 46	0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	47 48 49	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	50 51	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	53	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	55	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	57 58	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE # SOURCE #	59 60 61	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE # SOURCE #	62	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	64 65	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
SOURCE # SOURCE #	67	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
	SUM =	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
	POLLUTANT C	u AEI	L (ug/m3) =	1.000E+01	BACKGR.	(ug/m3) =	0.000E+00			
		cv	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE	
SOURCE #	1 2	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	3 4	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	5	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
CE # CE # SOURCE #	7 8 9	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	U.UUUE+UU O.OOOE+OO	0.000E+00 0.000E+00	
SOURCE # SOURCE #	10 11	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
SOURCE #	12	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	

SOURCE #	13 14	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0,000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
EN QUE	EN MINING	- SOLEDAD MT Q91\GQPACE.D	N PROJECT -	ALL RECEPTORS	5, 1991 MET, e: g:\ace\GQ	PM10 91\GQPACE.OU	* OUTPUT OF	AMI/SBCAPCD 11/07	ACE2588 MODEL VERS. 93288 * /95 09:41:42 Page - 216
SOURCE ## SOURCE	: 8:\ace\G 15 16 178 19 201 222 245 67 289 331 335 337 338 340 442 445 551 555 555 555 661 663 665 66 665 665 665 665 665 665 665	Q91\GQPACE.D 0.000E+00	0.000E+00	Output File 0.000E+00	0: (8:Ce)(0) 0: (000E+00) 0: (0	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
Input File SOURCE #	: g:\ace\G	Q91\GQPACE. 0.000E+00	0.000E+00	0.000E+00	e: g:\ace\G 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	68 SUM =	0.000E+00 0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00
P	OLLUTANT H	ICHO AEI	_ (ug/m3) =	3.700E+02	BACKGR.	(ug/m3) =	0.000E+00		
-		CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
SOURCE #	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
SOURCE #
                             0.000E+00
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                    0 000E+00
SOURCE #
               27
28
                              0.000E+00
                                              0 000E+00
                                                                                                                                                    0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
FC #
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                               0.000E+00
SUURCE #
               30
                              0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                    0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
SOURCE #
               33
                                                                                                                                                     0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
               34
                                               0.000E+00
                                                               0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                               0.000E+00
                                                               0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                               0.000E+00
SOURCE #
               36
37
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                               0 000E+00
                                                               0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
               39
                                                                                                                                   0.000E+00
                                                               0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
               40
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                                                                                                 0.000E+00
                              0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                            11/07/95
                                                                                                                                                           09:41:42
                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0-000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
SOURCE #
                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                                  0.000E+00
               44
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                  0.000E+00
SOURCE #
                45
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
SOURCE #
               46
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
SOURCE #
                                                                                                                                                     0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                49
                                               0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
SOURCE #
                50
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
SOURCE #
                                               0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                               0.000E+00
SOURCE #
                52
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                53
                                               0.000E+00
SOURCE #
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
SOURCE #
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                55
56
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                57
                              0.000E+00
SOURCE
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                58
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
SOURCE #
                60
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
                61
62
                              0.000E+00
0.000E+00
                                                                                                                                    0,000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                63
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
SOURCE
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                64
65
SOURCE
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
SOURCE #
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
SOURCE
                              0.000E+00
          ###
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE
                              0 000E+00
                67
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                68
                              0.000E+00
                                               0.000E:00
                                                                0.000E100
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                                     0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                  SIIM = 0.000E+00
                                               0.000E+00
                                                                                                                   0.000E+00
                                        AEL (ug/m3) =
                                                                 3.300E+03
                                                                                     BACKGR. (ug/m3) =
             POLILUTANT HCN
                                                                                                                                          RESP
                                                                                                                                                             EYE
                                                                                                       LIVER
                                                                                                                        REPRO
                                                                     IMMUN
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                              0.000E+00
0.000E+00
                 1
2
3
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
 SOURCE #
                 4
5
                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                 6
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
 SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
 SOURCE #
                 8
                              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
                 9
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                10
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
                11
                              0.000E+00
                                               0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
                12
                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                13
                                               0.000E+00
                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
                14
15
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0 000E+00
                                                                                                                   0.000E+00
 SOURCE #
                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                            11/07/95
                                                                                                                                                           09:41:42
                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
SOURCE #
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                18
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                19
                              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                20
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                21
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                               0.000E+00
SOURCE #
SOURCE #
                2.3
                                                                                                                                    0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                24
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
                26
27
                                               0.000E+00
                              0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                28
                              0.000E+00
SOURCE #
SOURCE #
CE #
SOURCE #
SOURCE #
SOURCE #
                                                                                 0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                29
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                  0.000E+00
                30
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                                 0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                      0.000E+00
                32
                              0.000E100
0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
                33
                34
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                               0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                 0.000E+00
                              0.000E+00
                                               0.000E+00
```

0.000E+00

0:000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

36

SOURCE #

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                   37
38
SOURCE #
                                                                   0.000E+00
                                                                                                           0.000E+00
                                    39
                                                                   0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                    40
                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                 0.000E+00
                                    41
                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                           0 000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                         0.00E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                    43
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                    46
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                     48
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                 0.000E+00
                                    49
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                    51
52
                                                                                                           0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
                                    54
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                     56
                                                                                                           0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0 000E+00
0 000E+00
0 000E+00
                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
 SOURCE #
SOURCE #
                                                                   0.000E+00
0.000E+00
                                     57
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                     58
                                                                                                           0.000E+00
0.000E+00
                                                                   0.000E+00
                                     59
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                 0.000E+00
0.000E+00
  SOURCE #
                                     60
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
2.816E-03
2.455E-03
2.107E-03
                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
 SOURCE #
                                     61
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                     62
                                                                   0.000E+00
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                 0.000E+00
                                     63
                                                                   0.000E+00
                                     64
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
6.303E-11
0.000E+00
                                     65
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                   66
67
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
  SOURCE #
                                                                   0 000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                      * OUTPUT OF AMI/SBCAFCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 220
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
                                          \mathtt{SUM} = 0.000E + 00 \quad 7.378E - 03 \quad 0.000E + 00 \quad 0.000E + 0
                                                                                            AEL (ug/m3) = 3.000E+01
                                                                                                                                                                                                  BACKGR, (ug/m3) = 0.000E+00
                              POLLUTANT Hg

        KIDN
        LIVER

        0.000E+00
        0.000E+00

                                                                                                                                                                                                                                                                                                                             RESP
                                                                                                                                                                                                                                                                                  REPRO
                                                                                                                                                            IMMUN
                                                                                                                                                                                                       KIDN
                                                                                                                             CNS
                                 1 0.000E+00 0.000E+00 0.000E+00
2 0.000E+00 0.000E+00 0.000E+00
3 0.000E+00 0.000E+00 0.000E+00
4 0.000E+00 0.000E+00 0.000E+00
5 0.000E+00 0.000E+00 0.000E+00
 SOURCE #
SOURCE #
CE #
CE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                       5 6 7
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                        8
                                                                  0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                      10
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                      11
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
  SOURCE #
                                     12
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                      13
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
  SOURCE #
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
  SOURCE #
                                     15
16
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                           0.000E+00
  SOURCE #
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
  SOURCE #
                                     18
19
  SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                     21
22
                                                                                                           0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
  SOURCE #
                                     24
25
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
  SOURCE #
SOURCE #
                                     26
27
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                      28
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                      29
                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                      30
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
                                      31
                                                                                                                                                                                                                                                                       0.000E+00
                                      32
                                                                  0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                      33
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                     34
35
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                   0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                      37
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                      38
                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                           0.000E+00
  GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 221
                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                             0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                      0.000E+00
  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                    0 000E+00
                                                                                                           0-000E+00
```

SOURCE #

0.000E+00

SOURCE #	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68			0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00						
				0.000E+00 1.000E+00			0.000E+00	0.0002+00	0.000E+00	
			CNS		KIDN			RESP	EYE	
SOURCE # SOU	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.727E-10 4.023E-07 3.272E-07 2.848E-07 9.691E-08 8.524E-08 0.000E+00 3.903E-09 1.869E-07 7.572E-12 1.990E-05 6.054E-03 4.324E-03 3.573E-03 1.384E-05 5.841E-05	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
EN QU	UEEN MINING Le: g:\ace\0	- SOLEDAD MI Q91\GQPACE.I	N PROJECT - OAT	ALL RECEPTOR Output Fil	RS, 1991 MET Le: g:\ace\G	, PM10 Q91\GQPACE.O	* OUTPUT OF	F AMI/SBCAPCI 11/0	ACE2588 MO 7/95 09:41	DEL VERS. 93288 * :42 Page - 222
SOURCE ###### SOURCE SO	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 53 37 38 39 40 41 44 44 45 46 47 48 49 55 55 55 55 55 55 55 55 55 55 55 55 55	0.000E+00	0.000E+00	1.612E-03 0.000E+00 8.688E-10 9.476E-07 7.764E-07 6.788E-07 2.313E-07 0.000E+00 9.297E-09 4.468E-07 1.810E-11 0.000E+00 3.581E-09 3.865E-06 3.143E-07 8.189E-07 0.000E+00 3.748E-08 1.796E-06 7.275E-11 3.695E-08 3.389E-12 2.581E-11 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00	

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                                                 0.000E+00
                               0.000E+00
                65
                                                                                                        0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
               66
67
68
                                                 0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                        0.000E+00
                                                                                     0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
    EN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                        PM10
                                                                     Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                      11/07/95 09:41:42
                                                                                                                                                                                      Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                   SUM = 0.000E+00 0.000E+00 1.568E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                          BACKGR. (ug/m3) =
                                        AEL (ug/m3) = 2.000E+00
                                                                                                                           0.000E+00
             POLLUTANT Se
                                                                       IMMUN
                                                                                                                                 REPRO
                                                                                                                                                    RESP
                                                                                                                                                                         EYE
                                                         CNS
                                                                                           KIDN
                                                                                                             LIVER
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                               0.000E+00
                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
SOURCE #
SOURCE #
                               0.000E+00
                                                0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                 0.000E+00
0.000E+00
                                0.000E+00
                                0.000E+00
                                                                                                        0.000E+00
                  3
                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                                0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                  6
7
                                                                                                                                                                0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                  8
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                    0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                 10
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                  0.000E+00
                                                                    0.000E+00
                 12
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                14
15
                               0.000E+00
0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
0.000E+00
                 16
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
                 17
                                                                                                                                              0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                  0.000E+00
                 18
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                               0.000E+00
0.000E+00
                 20
                                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                 21
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                                                  0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                 23
                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0,000E+00
                 24
25
                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                               0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                              0.000E+00
SOURCE #
                 26
27
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
CE #
SOURCE #
                                                  0.000E+00
                                                                                                                                                                0.000E+00
                 28
                                0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                 29
                                                                                      0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                 30
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
                                                                     0.000E+00
                                0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                           0.000E+00
                                0.000E+00
0.000E+00
                 32
33
                                                                                                                           0.000E100
0.000E+00
                                                                                                        0.000E100
0.000E+00
                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
 SOURCE #
                 34
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                     0.000E+00
                                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                                              0.000E+00
SOURCE #
                 35
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                0.000E+00
                                                  0.000E+00
                 36
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                                                  0.000E+00
                 37
                                0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                     0.000E+00
                                                                                      0.000E+00
                                                                                                                                              0.000E+00
                 38
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                 39
                                0.000E+00
                                                  0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                 40
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                        0.000E+00
                                                                                                                            0.000E+00
                 41
42
                                                                                                                            0 000E+00
                                                                                                                                              0.000E+00
                                                  0.000E+00
                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                         0.000E+00
                                0.000E+00
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 224
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                    0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                0.000E+00
 SOURCE #
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                                                                           0.000E+00
0.000E+00
SOURCE #
                 44
45
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
                 46
                                0.000E+00
0.000E+00
 SOURCE #
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                0.000E+00
                                                  0.000E+00
                 48
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                  0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                 49
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
SOURCE #
                 50
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                 51
                                0.000E+00
                                                  0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                               0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                 52
                                                                                                                                                                0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                         0.000E+00
                 53
                                                                                                                                                                 0.000E+00
                 54
55
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                                     0.000E+00
                                                                                      0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
                               0.000E+00
                 56
57
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                 0.000E+00
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                 59
                                                                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                     0.000E+00
                 60
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                 61
62
63
                                                  0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                          0.000E+00
 SOURCE #
                 64
65
66
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                               0.000E+00
 SOURCE #
SOURCE #
                                                   0.000E+00
                                 0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
                                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                 0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                 0.000E+00
                                                                     0.000E+00
                                                                                                                            0.000E+00
 SOURCE #
                 68
                                0.000E+00
                                                  0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                                            0 000E+00
                                                                                                                                              0.000E+00
                                                                    0 000E+00 0.000E+00
                                                                                                         0.000E+00
                    SUM = 0.000E+00
                                                  0.000E+00
                                                                                            BACKGR. (ug/m3) =
                                                                                                                            0.000E+00
              POLLUTANT XYLEN
                                            AEL (ug/m3) =
                                                                       4.400E+03
                                                                                                               LIVER
                                                                                                                               REPRO RESP
                                                                                                                                                                          EYE
```

KIDN

CNS

IMMUN

CV

```
0.000E+00
SOURCE #
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                 23
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
SOURCE #
                              0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                              0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                       0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
    RCE #
                                                                                  U.000E+00
                                                                                                   0.000E+00
                                                                                                                                                       0.000E+00
JRCE #
                                                                                                                                      0.000E+00
                 6
                              0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
                 8
                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                              0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                              0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                10
                                                                                                   0.000E+00
                                               0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
                11
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                12
                                                                0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
               14
15
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                 0 000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 225
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                               0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                              0.000E+00
                                               0.000E+00
SOURCE #
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                20
                                                                                                                                      0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                21
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                                                                      0.000E+00
                                                                0.000E+00
                                               0.000E+00
0.000E+00
                22
                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                23
                                                                 0.000E+00
                                                                                                                     0.000E+00
                              0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                24
                                               0.000E+00
                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                2.5
                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                26
                              0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                27
                              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                28
                              0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                29
SOURCE #
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                31
32
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                33
                              0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                34
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                35
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
 SOURCE #
                36
                              0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                  0.000E+00
                              0.000E+00
 SOURCE #
                37
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
SOURCE #
                38
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
SOURCE #
                              0.000E+00
0.000E+00
                39
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                40
                                                                                                   0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                41
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
 SOURCE #
                42
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                43
   IRCE #
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E100
                                                                                                                                                        0.000E100
                              0.0000100
                                               0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
 RCE #
                45
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E100
                                                                                                    0.000E100
                                                                                                                     0.000E100
                                                                                                                                                        0.000E+00
0.000E+00
                46
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
SOURCE #
                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
SOURCE #
                48
                              0.000E+00
SOURCE #
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                49
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                50
                              0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
SOURCE #
                51
                              0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                52
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
SOURCE #
                53
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                54
                              0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                  0 000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                        0.000E+00
                                                                                                                     0.000E+00
                57
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                58
                59
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0 000E+00
                60
                              0.000E+00
                              0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                  0.000E+00
                61
                                                                                                                                      0.000E+00
0.000E+00
                62
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                        0.000E+00
                                                                 0.000E+00
0.000E+00
                63
                              0.000E+00
                                                                                  0.000E+00
                              0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                64
                65
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                66
                              0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                67
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                               11/07/95 09:41:42
                                                                                                                                                                               Page -
                  SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                               11/07/95 09:41:42 Page - 227
                           *** MAXIMUM CHRONIC EXPOSURE BY POLLUTANT FROM ALL SOURCES ***
```

POL.	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOT MILK	NON-INH	ACCEPTABL	INH CONC	BACKGR	AEL	HAZARD	REC.
V.								DOSE SUM	ORAL DOSE	(ug/m3)	(ug/m3)	(ug/m3)	INDEX	
1									and the second second					•
CETA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	U.00E+00	0.005+00	9.005700	0.00E+00	U
ACROL	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0
As	1.24E-07	0.00E+00	1.00E-03	4.33E-04	0.00E+00	5.00E-01	8.66E-04	134						
BENZE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E+01	0.00E+00	0
Вe	1.65E-08	0.00E+00	5.00E-03	5.78E-05	0.00E+00	4.80E-03	1.20E-02	134						

```
Cd 4.70E-09 0.00E+00 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4.70E-06
1.41E-03
0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ō
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.86E-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6.10E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5.47E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ō
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.00E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
```

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 228 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT Input File: g:\ace\GQ91\GQPACE.DAT

*** RECEPTOR CHRONIC HAZARD INDICES BY TOXICOLOGICAL ENDPOINTS *** FROM ALL SOURCES AND POLLUTANTS

RECEPTOR	CV CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN	
1 3.4781 2 3.6151 3 3.5951 4 5.7741 5 5.7451 6 5.1911 7 4.0451 8 4.1991 9 4.3791 10 7.0321 11 2.0671 12 8.5911 13 6.0811 14 6.1731 15 6.1731 15 6.1731 16 6.9931 17 2.4211 18 4.161 19 4.3622 20 5.720 21 3.144 23 2.996 24 2.834 25 2.645 26 3.036 27 2.846 28 2.570 29 2.804 30 3.042 31 3.287 32 3.580 33 3.315 34 6.673 37 6.923 38 6.673 39 6.923	1.191E-03 1.426E-03 1.402E-03 1.402E-03 1.855E-03 1.855E-03 1.855E-03 1.855E-03 1.855E-03 1.855E-03 1.245E-03 1.245E-03 1.245E-03 1.245E-03 1.249E-03 1.259E-03	4.040E-06 3.942E-06 6.491E-06 6.491E-06 6.446E-06 5.829E-06 4.733E-06 4.733E-06 7.512E-06 7.512E-06 7.564E-06 8.672E-06 8.672E-06 8.672E-06 8.672E-06 3.729E-06 3.92E-06 3.92E-06 3.92E-06 3.518E-06 3.739E-06 3.518E-06 3.739E-06 4.656E-06 5.720E-06 8.2378E-06	5.546E-05 5.597E-05 9.069E-05 9.016E-05 8.150E-05 6.339E-05 6.606E-05 1.124E-04 3.234E-04 9.901E-05 1.007E-04 1.151E-04 3.370E-05 6.980E-05 9.108E-05 4.931E-05 5.164E-05 4.367E-05 4.710E-05 4.710E-05 4.710E-05 4.710E-05 5.164E-05 4.710E-05 5.164E-05 4.710E-05 5.164E-05 5.164E-05 5.164E-05 6.980E-05 7.688E-05 5.164E-05 7.688E-05 5.164E-05 7.688E-05 5.164E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05 7.688E-05	5.125E-05 5.187E-05 5.188E-05 8.392E-05 8.3942E-05 6.379E-05 6.126E-05 6.379E-05 1.038E-04 2.994E-05 1.244E-05 9.286E-05 1.244E-05 9.286E-05 1.0622E-05 6.458E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 4.760E-05 5.760E-05 4.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.760E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05 5.7085E-05	2.066E-06 1.957E-06 3.270E-06 3.270E-06 3.274E-06 2.935E-06 2.387E-06 2.387E-06 4.198E-06 4.198E-06 4.198E-06 4.559E-06 3.837E-06 4.559E-06 2.342E-06 2.342E-06 2.342E-06 1.370E-06 1.370E-06 1.370E-06 1.720E-06 1.720E-06 1.720E-06 1.770E-06 2.148E-06 1.770E-06 2.148E-06 2.148E-06 4.170E-06 4.170E-06 4.170E-06 4.123E-06 4.170E-06 4.123E-06 4.170E-06 5.074E-06 5.074E-06	3.763E-04 2.511E-04 2.487E-04 5.072E-04 4.973E-04 4.525E-04 3.754E-04 3.754E-04 1.696E-04 7.758E-04 8.232E-04 8.538E-04 8.538E-04 8.538E-04 8.538E-04 4.32E-04 4.784E-04 4.32E-04 4.32E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 4.537E-04 5.538E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 6.573E-04 7.51E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04 8.751E-04	3.272E-05 3.419E-05 3.419E-05 5.447E-05 5.421E-05 4.897E-05 3.961E-05 6.613E-05 1.952E-05 8.110E-05 5.779E-05 6.537E-05 5.779E-05 6.283E-05 3.782E-05 4.102E-05 5.378E-05 5.378E-05 2.283E-05 3.782E-05 2.285E-05 2.473E-05 2.865E-05 2.400E-05 3.075E-05 3.349E-05 6.26E-05 6.26E-05 6.26E-05 6.26E-05 6.26E-05 6.26E-05	
41 8.005 42 6.881 GOLDEN QUEEN MINING -	E-05 3.625E-03 E-05 3.816E-03 SOLEDAD MTN PROJE	9,730E-06 8,316E-06	1.304E-04 1.117E-04 EPTORS. 1991	1.203E-04 1.030E-04 MET, PM10 ce\GQ91\GQPAC	4.326E-06 * OUTPL	1.101E-03 9.201E-04 JT OF AMI/SBO	7.498E-05 6.448E-05 CAPCD ACE2588 11/07/95 09:	MODEL VERS. 93288 * 41:42
Input File: g:\ace\GQ9	1\GQPACE.DAT	Outpu	t File: g:\ac 1.094E-04	1.009E-04	4.249E-06	9.132E-04	6.306E-05	41,42 lage 22)
43 6.731 44 5.049 45 4.315 46 6.779 47 8.442 48 9.028 49 8.870 50 8.782 51 8.700 52 8.337 53 7.782 54 6.512 55 5.641 56 5.006 57 4.491 58 4.093 59 4.093 59 4.093 61 4.299 62 4.736 63 5.268 64 5.973 65 6.967 7.829	E-05 1,938E-03 E-05 3,186E-03 E-05 6,312E-03 E-05 1,782E-02 E-05 1,256E-02 E-05 1,443E-02 E-05 1,424E-02 E-05 1,424E-03 E-05 6,620E-03 E-05 5,094E-03 E-05 4,042E-03 E-05 3,645E-03 E-05 3,645E-03 E-05 3,645E-03 E-05 5,373E-03 E-05 5,373E-03 E-05 5,373E-03 E-05 6,630E-03 E-05 7,883E-03	6.073E-06 5.167E-06 8.177E-06 1.028E-05 1.140E-05 1.053E-05 1.053E-05 9.620E-06 6.510E-06 6.510E-06 5.808E-06 4.777E-06 4.667E-06 4.985E-06 4.985E-06 5.028E-06 6.793E-06 6.793E-06 7.856E-06 8.911E-06	8.187E-05 6.983E-05 1.099E-04 1.375E-04 1.459E-04 1.424E-04 1.397E-04 1.326E-04 1.326E-04 1.032E-04 8.977E-05 7.994E-05 7.188E-05 6.553E-05 6.920E-05 6.864E-05 7.532E-05 6.864E-05 9.428E-05 1.095E-04 1.236E-04	7.553E-05 6.444E-05 1.014E-04 1.268E-04 1.378E-04 1.314E-04 1.290E-04 1.225E-04 1.136E-04 9.544E-05 8.297E-05 7.388E-05 6.054E-05 6.054E-05 6.054E-05 6.343E-05 6.343E-05 6.343E-05 6.719E-05 1.013E-04 1.143E-04	3.153E-06 2.678E-06 4.250E-06 5.366E-06 6.036E-06 5.769E-06 5.253E-06 4.905E-06 4.905E-06 3.319E-06 2.968E-06 2.968E-06 2.489E-06 2.570E-06 2.570E-06 2.570E-06 3.076E-06 3.076E-06 3.076E-06 3.076E-06 3.076E-06	6.597E-04 5.514E-04 8.977E-04 1.172E-03 1.472E-03 1.328E-03 1.004E-03 8.667E-04 6.510E-04 6.510E-04 5.376E-04 4.955E-04 4.955E-04 4.665E-04 4.665E-04 4.663E-04 4.603E-04 5.307E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04 6.510E-04	4.734E-05 4.047E-05 6.354E-05 7.906E-05 8.424E-05 8.236E-05 8.236E-05 7.834E-05 7.834E-05 6.132E-05 4.709E-05 4.709E-05 4.709E-05 4.075E-05 4.075E-05 4.044E-05 5.629E-05 5.629E-05 7.377E-05	

```
1.371E-04
1.717E-04
2.378E-04
                                                                                1.482E-04
1.857E-04
2.571E-04
                                                                                                                    5-398E-06
                                                                                                                                      8.843E-04
                                           1.178E-02
1.751E-02
                                                             1.066E-05
1.335E-05
                                                                                                                                      1.102E-03
1.586E-03
                                                                                                                                                         1.108E-04
1.504E-04
                                                                                                                     6.753E-06
          68
                         1.176E-04
                         1.597E-04
                                                                                                                    9 290E-06
                                            2.873E-02
                                                              1.829E-05
          69
                                                                                                  3.226E-04
                                                                                                                     1.286E-05
                                                                                                                                       2.371E-03
                                                                                                                                                         2.028E-04
                                           2.264E-02
1.534E-02
                                                              2.511E-05
2.034E-05
                                                                                3 491E-04
          70
                         2.157E-04
                                                                                                                                       1.691E-03
                                                                                                                                                         1.688E-04
1.140E-04
                                                                                2.860E-04
                                                                                                                     1.030E-05
          71
72
                         1.791E-04
                                                                                                                                       1.059E-03
7.080E-04
                                           1.074E-02
7.245E-03
5.210E-03
                         1.208E-04
                                                              1.358E-05
                                                                                1.916E-04
                                                                                                  1.773E-04
1.457E-04
                                                                                                                    6.839E-06
5.495E-06
                                                                                                                                                         9.592E-05
                         1.014E-04
                                                             1.106E-05
9.246E-06
                                                                                1.572E-04
1.312E-04
                                                                                                                                                         7.977E-05
                                                                                                  1.215E-04
                                                                                                                     4.601E-06
                                                                                                                                       6.109E-04
                         8.437E-05
                                                                                                                                       9.849E-04
7.785E-04
                                                                                                                                                         9.949E-05
                                                             1.197E-05
1.175E-05
1.512E-05
                                                                                                  1.560E-04
1.548E-04
                                                                                                                    6.053E-06
5.850E-06
          75
                                            5.620E-03
                                                                                1.686E-04
                         1.055E-04
                                                                                                                                                         1.014E-04
                                           6.104E-03
6.252E-03
6.033E-03
                                                                                1.671E-04
2.164E-04
          76
                         1.072E-04
                                                                                                                    7.489E-06
7.419E-06
                                                                                                                                      9.280E-04
1.030E-03
                                                                                                                                                         1.319E-04
1.273E-04
                                                                                                  2.005E-04
                         1.394E-04
                                                                                                  1.960E-04
                         1.347E-04
                                                              1.486E-05
                                                                                2.116E-04
          78
                                                             1.172E-05
9.110E-06
7.180E-06
5.660E-06
7.020E-06
                                                                                                                                                         9.889E-05
                                                                                                  1.536E-04
                                                                                                                                       8.890E-04
                                                                                                                     5.889E-06
                                           5.135E-03
4.235E-03
                                                                                1.660E-04
                         1.048E-04
                                                                                                                                       7.042E-04
5.734E-04
                                                                                                                                                         7.661E-05
6.003E-05
                         8.120E-05
                                                                                1.286E-04
                                                                                                  1.191E-04
                                                                                                                     4.585E-06
          80
                                           3.479E-03
2.869E-03
3.107E-03
                         6.365E-05
5.043E-05
                                                                                1.010E-04
7.950E-05
                                                                                                  9.345E-05
7.357E-05
                                                                                                                     3.623E-06
          81
                                                                                                                     2.849E-06
                                                                                                                                       4.382E-04
                                                                                                                                                         4.758E-05
                                                                                                                                                         5.751E-05
                         6.109E-05
6.586E-05
                                                                                                                                       6.205E-04
                                                                                9.801E-05
                                                                                                  9.062E-05
                                                                                                                     3.572E-06
          83
                                                             7.590E-06
6.760E-06
7.840E-06
7.881E-06
                                                                                                                                       6.809E-04
                                                                                                                                                         6.200E-05
                                                                                                                     3.867E-06
                                                                                                  9.812E-05
8.791E-05
                                           3.260E-03
                                                                                1.061E-04
          84
                                                                                9.499E-05
                                                                                                                     3.396E-06
                                                                                                                                       5.093E-04
                                                                                                                                                         5.709E-05
                                           3.254E-03
3.213E-03
                         6.049E-05
                                                                                                                     3.975E-06
                                                                                                                                                         6.481E-05
                         6.879E-05
                                                                                1.094E-04
                                                                                                  1.012E-04
                                                                                                                                       6.630E-04
          86
                                                                                                                                                         6.485E-05
7.598E-05
                                                                                                                                       6.817E-04
                                                                                                  1.015E-04
1.215E-04
                                                                                                                     4.003E-06
                         6.886E-05
                                           3.071E-03
                                                                                1.097E-04
          87
                                                                                                                     4.924E-06
                                           2.865E-03
2.599E-03
                                                              9.558E-06
7.152E-06
                                                                                1.315E-04
                                                                                                                                       9.634E-04
                         8.091E-05
                                                                                                                                       5.940E-04
6.765E-04
                                                                                                                                                         5.933E-05
                                                                                9.963E-05
                                                                                                  9.215E-05
                                                                                                                     3.621E-06
                         6.295E-05
          89
                                                                                                                     4.094E-06
                                                                                                                                                          6.692E-05
                                                              8.081E-06
1.046E-05
1.031E-05
                                            2.549E-03
                                                                                                  1.040E-04
          90
                          7.102E-05
                                                                                1.125E-04
                                                                                1.444E-04
1.434E-04
1.477E-04
1.532E-04
                                                                                                                     5.354E-06
                                                                                                                                       9.804E-04
                                                                                                                                                          8.463E-05
                                                                                                  1.334E-04
                                           2.521E-03
2.452E-03
                         8.998E-05
                                                                                                  1.327E-04
                                                                                                                     5.226E-06
5.303E-06
                                                                                                                                       8.647E-04
                                                                                                                                                         8.540E-05
                         9.063E-05
          92
                                                                                                                                       8.043E-04
                                                                                                                                                         8.889E-05
                                           2.505E-03
2.571E-03
                                                                                                  1.367E-04
          93
                          9.419E-05
                                                              1.055E-05
                                                              1.088E-05
                                                                                                  1.419E-04
                                                                                                                     5.439E-06
                                                                                                                                       7.713E-04
                                                                                                                                                         9.279E-05
                         9.823E-05
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 230
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10 *Input File: g:\ace\GQ91\GQPACE.OUT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                             1.098E-05
1.124E-05
1.335E-05
1.688E-05
2.147E-05
2.203E-05
                                           2.721E-03
2.893E-03
3.152E-03
                                                                                                                                       7.168E-04
                                                                                                  1.442E-04
                                                                                                                     5.459E-06
                                                                                1.556E-04
                                                                                1.602E-04
1.899E-04
2.388E-04
                                                                                                  1.485E-04
1.759E-04
2.212E-04
                                                                                                                    5.567E-06
6.622E-06
8.420E-06
                                                                                                                                       6.851E-04
8.385E-04
1.153E-03
                                                                                                                                                         9.813E-05
1.160E-04
          96
97
                         1.037E-04
                          1.226E-04
                                                                                                                                                          1.449E-04
                                           3.500E-03
          98
                          1.533E-04
                                           3.931E-03
3.794E-03
                                                                                                  2.797E-04
2.843E-04
2.247E-04
                          1.926E-04
                                                                                3.022E-04
                                                                                                                     1.077E-05
                                                                                                                                       1.595E-03
                                                                                                                                                         1.818E-04
          99
                                                                                                                                       1.849E-03
                                                                                                                    1.116E-05
8.677E-06
                                                                                                                                                          1.824E-04
         100
                          1.936E-04
                                                                                3.074E-04
                                                                                                                                       1.298E-03
                                                                                                                                                          1.460E-04
                                                              1.727E-05
1.333E-05
                                                                                2.428E-04
                         1.547E-04
1.217E-04
                                           3.396E-03
3.073E-03
         101
                                                                                1.889E-04
                                                                                                   1.750E-04
                                                                                                                     6.635E-06
                                                                                                                                       8.787E-04
                                                                                                                                                         1.151E-04
         102
                                                                                                                                       9.880E-04
9.650E-04
8.793E-04
9.875E-04
1.098E-03
                                                                                                  1.741E-04
1.615E-04
                                                                                                                     6.714E-06
6.279E-06
                                                                                                                                                          1.134E-04
                          1.202E-04
                                            2,920E-03
                                                              1.339E-05
                                                                                1.880E-04
         103
                                                                                                                                                          1.049E-04
                                           2.831E-03
2.684E-03
                                                              1.247E-05
1.162E-05
                                                                                1.746E-04
                          1.111E-04
          104
                                                                                 1.629E-04
                                                                                                   1.508E-04
                                                                                                                     5.841E-06
                                                                                                                                                          9.810E-05
                          1.039E-04
         105
                          1.020E-04
                                            2.609E-03
                                                              1.163E-05
                                                                                1.616E-04
                                                                                                  1.495E-04
                                                                                                                     5 899E-06
                                                                                                                                                          9.607E-05
         106
                                                                                                                     5.958E-06
1.223E-05
                                                                                                                                                         9.399E-05
1.777E-04
1.392E-04
                                           2.659E-03
3.058E-03
2.978E-03
                                                              1.164E-05
2.335E-05
                                                                                1.605E-04
3.126E-04
                                                                                                   1.483E-04
                          9.995E-05
         107
                                                                                                                                       2.752E-03
1.876E-03
                                                                                                   2.882E-04
                         1.900E-04
         108
                                                                                2.415E-04
1.933E-04
                                                              1.773E-05
1.388E-05
                                                                                                  2.229E-04
1.788E-04
                          1.483E-04
                                                                                                                     9.177E-06
         109
                                           2.976E-03
2.992E-03
3.321E-03
3.739E-03
4.308E-03
                                                                                                                     7.023E-06
8.307E-06
                                                                                                                                       1.149E-03
                                                                                                                                                          1.152E-04
         110
                          1.222E-04
                                                                                2.254E-04
2.903E-04
3.481E-04
                                                                                                                                       1.487E-03
2.178E-03
2.954E-03
                                                                                                   2.083E-04
                                                                                                                                                          1.324E-04
                                                              1.627E-05
                         1.407E-04
1.788E-04
         111
                                                                                                  2.681E-04
3.210E-04
                                                                                                                                                          1.679E-04
                                                                                                                     1.095E-05
                                                              2.122E-05
         112
                                                                                                                     1.349E-05
                                                                                                                                                          1.986E-04
                         2.121E-04
3.822E-04
                                                              2.585E-05
4.783E-05
                                                                                                                                       6.003E-03
3.868E-03
2.245E-03
                                                                                                                     2.524E-05
1.731E-05
1.098E-05
                                                                                                                                                         3.570E-04
2.525E-04
                                                                                 6.323E-04
                                                                                                   5.824E-04
         114
                                                                                                  4.087E-04
2.668E-04
                          2.698E-04
                                            4.621E-03
                                                              3.308E-05
                                                                                4.432E-04
2.890E-04
         115
                                                              2.120E-05
2.795E-05
5.025E-05
                                                                                                                                                         1.664E-04
                          1.773E-04
                                            4.457E-03
4.885E-03
                                                                                                                                                         2.159E-04
3.782E-04
                                                                                                                     1.456E-05
2.644E-05
                          2.304E-04
                                                                                 3.767E-04
                                                                                                   3.475E-04
                                                                                                                                       3.137E-03
         117
                                                                                                                                       6.145E-03
                                                                                                   6.149E-04
                                                                                6.673E-04
2.831E-04
                          4.047E-04
                                            5.263E-03
          118
                                                                                                   2.618E-04
                                                                                                                     1.034E-05
                                                                                                                                       1.797E-03
                                                                                                                                                         1.665E-04
                                                              2.032E-05
1.925E-05
2.292E-05
                         1.768E-04
1.727E-04
          119
                                            5.738E-03
                                                                                                                                       1.432E-03
1.821E-03
2.391E-03
                                            6.536E-03
6.757E-03
                                                                                 2.730E-04
                                                                                                   2.528E-04
                                                                                                                     9.661E-06
                                                                                                                                                         1.630E-04
          120
                                                                                                                                                         1.918E-04
2.052E-04
                                                                                                  2.985E-04
3.241E-04
                                                                                                                     1.156E-05
1.300E-05
                          2.034E-04
                                                                                 3.226E-04
          121
                                                              2.540E-05
4.215E-05
                                                                                 3.508E-04
                          2.182E-04
                                            6.109E-03
          122
                                                                                                                                                          3.292E-04
2.879E-04
                                            6.594E-03
7.284E-03
7.815E-03
                                                                                 5.709E-04
                                                                                                   5.268E-04
                                                                                                                     2.186E-05
                                                                                                                                       4.544E-03
          123
                          3.510E-04
                                                              3.545E-05
5.132E-05
7.969E-05
9.032E-05
                                                                                                                                       3.262E-03
5.381E-03
                                                                                                                     1.811E-05
2.655E-05
4.155E-05
                          3.060E-04
                                                                                 4.901E-04
                                                                                                   4.529E-04
         124
                                                                                                                                                          4.038E-04
                          4.304E-04
                                                                                6.973E-04
1.070E-03
                                                                                                   6.436E-04
                                                                                                   9.871E-04
                                                                                                                                       9.010E-03
                                                                                                                                                          6.142E-04
                                            8.467E-03
7.372E-03
                          6.557E-04
7.293E-04
          126
                                                                                                                                       1.093E-02
8.131E-03
4.332E-03
                                                                                                                                                          6.819E-04
5.161E-04
                                                                                1.200E-03
9.076E-04
                                                                                                                     4.746E-05
3.571E-05
                                                                                                   1.106E-03
         127
                          5.518E-04
                                            6.293E-03
                                                               6.807E-05
                                                                                                   8.365E-04
          128
                                                              4.019E-05
3.352E-05
                                                                                 5.449E-04
                                                                                                   5.029E-04
                                                                                                                     2.085E-05
                                                                                                                                                          3.140E-04
          129
                                            5.313E-03
                          3.348E-04
                                                                                                                                       3.379E-03
3.427E-03
                                            4.528E-03
                                                                                 4.581E-04
                                                                                                   4.230E-04
                                                                                                                     1.727E-05
                                                                                                                                                          2.664E-04
                          2.836E-04
         130
                                                                                                                                                         2.928E-04
5.751E-04
7.908E-04
8.661E-04
                                            4.686E-03
5.455E-03
6.341E-03
                                                              3.627E-05
7.545E-05
1.058E-04
                                                                                4.988E-04
1.006E-03
                                                                                                   4.609E-04
9.275E-04
                                                                                                                     1.857E-05
3.950E-05
                          3.114E-04
          131
                                                                                                                                       8.855E-03
          132
                          6.146E-04
                                                                                                                     5.578E-05
6.097E-05
2.760E-05
                                                                                                                                       1.320E-02
1.437E-02
                          8.466E-04
                                                                                 1.397E-03
                                                                                                   1.287E-03
         133
                                                                                1.528E-03
7.221E-04
4.558E-04
                          9.271E-04
                                            6.477E-03
                                                               1.157E-04
                                                                                                   1.408E-03
          134
                                                                                                                                       5.642E-03
2.994E-03
2.453E-03
                                                              5.330E-05
3.299E-05
                                                                                                                                                          4.183E-04
                                                                                                   6.664E-04
                                            5.277E-03
4.592E-03
                          4.459E-04
2.855E-04
          135
                                                                                                   4.213E-04
                                                                                                                     1.683E-05
                                                                                                                                                          2.687E-04
         136
                                                                                                                                                          2.844E-04
                                                                                                                     1.679E-05
1.533E-05
                                                              3.350E-05
3.071E-05
                                                                                 4.732E-04
4.365E-04
                          3.012E-04
                                            4.753E-03
                                                                                                   4.381E-04
          137
                                            4.859E-03
                                                                                                                                       2.121E-03
                                                                                                                                                          2.632E-04
                                                                                                   4.043E-04
          138
                          2.785E-04
                                                                                                                                       2.874E-03
2.578E-03
                                            5.108E-03
                                                                                 5.203E-04
                                                                                                   4.815E-04
                                                                                                                     1.862E-05
                                                                                                                                                          3.106E-04
2.762E-04
                                                               3.698E-05
                          3.292E-04
         139
                          2.928E-04
                                            5.010E-03
                                                               3.292E-05
                                                                                 4.631E-04
                                                                                                   4.285E-04
                                                                                                                     1.659E-05
          140
                                                                                                                                       3.353E-03
                                                                                                                                                          2.985E-04
                                            4.456E-03
3.887E-03
                                                                                 5.072E-04
                                                                                                   4.688E-04
                                                                                                                     1,874E-05
                          3.173E-04
                                                               3.671E-05
                                                              2.477E-05
1.741E-05
1.717E-05
1.404E-05
                                                                                 3.462E-04
                                                                                                   3.202E-04
                                                                                                                     1.255E-05
                                                                                                                                       2.072E-03
                                                                                                                                                          2.053E-04
                          2.178E-04
          142
                                                                                                                     8.742E-06
8.736E-06
7.025E-06
                                                                                2.461E-04
2.390E-04
1.986E-04
                                                                                                   2.278E-04
2.210E-04
1.838E-04
                                                                                                                                       1.306E-03
1.511E-03
                                                                                                                                                          1.472E-04
                          1.559E-04
                                            3.432E-03
          143
                                                                                                                                                          1.408E-04
                          1.495E-04
                                            3.112E-03
3.137E-03
                                                                                                                                                          1.196E-04
1.110E-04
                                                                                                                                       1.005E-03
          145
                          1.266E-04
                                                               1.279E-05
                                                                                1.819E-04
                                                                                                   1.685E-04
                                                                                                                     6.351E-06
                                                                                                                                       8.136E-04
                          1.173E-04
                                            3.082E-03
          146
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 231
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                          1 035E-04
                                                               1.185E-05
                                                                                                                                       7,169E-04
                          1.035E-04
9.011E-05
                                            2.890E-03
2.680E-03
                                                               1.122E-05
9.776E-06
                                                                                                   1.481E-04
1.290E-04
1.129E-04
                                                                                                                     5.555E-06
4.841E-06
4.235E-06
                                                                                                                                                          9.792E-05
8.527E-05
                                                                                 1.599E-04
                                                                                                                                       6.837E-04
5.984E-04
          148
                                                                                1.393E-04
1.218E-04
                                                                                                                                        5.219E-04
                                                                                                                                                          7.463E-05
                                                               8.552E-06
          150
                          7.886E-05
                                            2.494E-03
                                            2.5/5E-03
2.612E-03
2.436E-03
2.280E-03
                                                              8.984E-06
9.617E-06
8.288E-06
                                                                                                                                       5.540E-04
6.390E-04
                                                                                                                                                          7.020E 05
                                                                                 1.279E-04
                                                                                                   1.185E-04
                                                                                                                     4.451E-06
                          8.2/4E-05
          151
                                                                                                                                                          8.290E-05
                                                                                 1.363E-04
1.175E-04
                                                                                                   1.263E-04
1.089E-04
                                                                                                                     4.788E-06
4.121E-06
          152
                          8.769E-05
                                                                                                                                        5.401E-04
                                                                                                                                                          7.165E-05
                          7.577E-05
6.767E-05
          153
154
                                                               7.418E-06
                                                                                 1.051E-04
                                                                                                   9.730E-05
                                                                                                                     3.692E-06
                                                                                                                                        4.908E-04
                                                                                                                                                          6.398E-05
5.809E-05
                                                                                                                                       4.553E-04
                          6.146E-05
                                            2.141E-03
                                                               6.754E-06
                                                                                 9.552E-05
                                                                                                   8.847E-05
                                                                                                                     3 366E-06
```

```
2.093E-03
2.095E-03
2.035E-03
                                                                                                                 3.836E-06
4.271E-06
4.001E-06
                                                            7.620E-06
8.412E-06
7.919E-06
                                                                                                9.896E-05
1.088E-04
                                                                                                                                   5.904E-04
7.241E-04
                        6.788E-05
7.357E-05
                                                                              1.069E-04
1.177E-04
        156
157
                                                                                                                                                     6.930E-05
6.599E-05
                                                                                                                                    6.427E-04
                         6.999E-05
                                                                              1.108E-04
                                                                                                1.025E-04
         158
                                                                                                                                    6.129E-04
                                                                                                                                                     6.301E-05
                           683E-05
                                          2 010E-03
                                                                              1 056E-04
                                                                                                9 772E-05
                                                                                                                  3.820E-06
         159
                                                            7 561E-06
                                                                                                                                                     5.610E-05
5.292E-05
                                                            6.652E-06
                                                                              9.317E-05
                                                                                                                                    5.052E-04
                                           1.893E-03
         160
                         5.944E-05
                                                                                                                                   4.996E-04
5.608E-04
                                           1.020E 03
                                                             6.321E-06
                                                                              8.822E-05
9.761E-05
                                                                                                8 162E-05
9.030E-05
                                                                                                                  3.187E-06
                         5.611E-05
         161
                                                                                                                                                      5.848E-05
                                                                                                                  3.534E-06
                         6.201E-05
                                          1.960E-03
2.113E-03
                                                            7.001E-06
                                                                                                1.039E-04
                                                            8.081E-06
                                                                              1.124E-04
                                                                                                                  4.093E-06
                                                                                                                                    6.747E-04
                                                                                                                                                     6.696E-05
                         7.105E-05
         163
                                          2.291E-03
2.467E-03
2.269E-03
                                                                                                                                   9.673E-04
1.125E-03
                                                                                                                                                      8.217E-05
                                                                                                                  5.219E-06
5.991E-06
                                                             1.019E-05
                                                                              1.410E-04
                                                                                                1.303E-04
                         8.739E-05
         164
                                                                                                1.491E-04
                                                                              1.614E-04
1.523E-04
                         9.988E-05
                                                            1.168E-05
                                                            1.111E-05
8.742E-06
6.763E-06
5.694E-06
                                                                                                                                   1.141E-03
8.977E-04
                                                                                                                                                     8.794E-05
6.917E-05
5.422E-05
                                                                                                1,406E-04
                                                                                                                  5.736E-06
                         9 3688-05
         166
                                                                                                1.105E-04
                                                                                                                  4.512E-06
3.472E-06
         167
                         7.368E-05
                                           2.034E-03
                                                                              1.197E-04
                                                                                                8.541E-05
7.178E-05
                                                                              9.247E-05
7.772E-05
                                                                                                                                    6.576E-04
                                          1.756E-03
1.534E-03
                         5.769E-05
                                                                                                                                                     4.555E-05
4.707E-05
                         4.847E-05
                                                                                                                  2.926E-06
                                                                                                                                    5.590E-04
         169
                                                                                                7.419E-05
7.761E-05
7.871E-05
                                          1.570E-03
1.585E-03
1.637E-03
                                                                              8.032E-05
8.405E-05
8.525E-05
                         5.009E-05
                                                             5.885E-06
                                                                                                                  3.024E-06
3.176E-06
                                                                                                                                   5.777E-04
6.173E-04
         170
                                                                                                                                                      4.912E-05
                                                            6.169E-06
                         5.229E-05
                                                                                                                                    6.410E-04
                         5.292E-05
                                                            6.273E-06
                                                                                                                  3.237E-06
                                                                                                                                                      4.968E-05
         172
                                           1.688E-03
                                                                              8.456E-05
9.993E-05
1.190E-04
                                                                                                                                                      4.916E-05
                                                                                                7.806E-05
9.229E-05
                                                                                                                  3,222E-06
3,763E-06
                                                                                                                                   6.481E-04
7.208E-04
         173
                         5.239E-05
                                                            6.235E-06
                                                                                                                                                     5.851E-05
7.015E-05
                                          2.004E-03
2.413E-03
                         6.227E-05
7.458E-05
                                                            7.320E-06
                                                                                                                                   8.076E-04
9.705E-04
1.150E-03
                                                            8.665E-06
                                                                                                1.099E-04
                                                                                                                  4.431E-06
         175
                                                                                                                                                      9.083E-05
                                                            1.107E-05
1.273E-05
                                                                              1.530E-04
1.756E-04
                                                                                                1.415E-04
1.623E-04
                                                                                                                  5.631E-06
6,490E-06
                                           2.912E-03
                         9.647E-05
         176
                                                                                                                                                      1.037E-04
                                          3.308E-03
3.567E-03
                         1.102E-04
                                                                                                                                    1.166E-03
1.228E-03
                                                                                                                                                     9.560E-05
1.057E-04
                         1.017E-04
                                                            1.194E-05
                                                                              1,631E-04
                                                                                                1.507E-04
                                                                                                                  6.131E-06
         17A
                                                                              1.795E-04
2.126E-04
                                                                                                                  6.693E-06
7.818E-06
                                                            1.308E-05
1.537E-05
                         1.124E-04
                                           3.925E-03
                                                                                                1.658E-04
                                                                                                1.965E-04
                                                                                                                                    1.347E-03
                                                                                                                                                      1.261E-04
          80
                         1.340E-04
                                           4.365E-03
                                                                                                                                                     1.388E-04
1.035E-04
7.483E-05
                                           4.786E-03
                                                            1.690E-05
                                                                              2.339E-04
1.750E-04
                                                                                                2.163E-04
                                                                                                                  8.592E-06
                                                                                                                                   1.474E-03
1.140E-03
                         1.474E-04
         181
                                                            1.268E-05
9.314E-06
                                                                                                1.618E-04
1.179E-04
                                          3.779E-03
2.872E-03
                                                                                                                  6.464E-06
4.778E-06
         182
                         1.100E-04
                                                                              1.276E-04
                                                                                                                                    8.973E-04
         183
                         7.961E-05
                                                                                                                                                     5.517E-05
4.541E-05
4.697E-05
4.707E-05
                                                                                                8.798E-05
7.305E-05
7.524E-05
                                           2.264E-03
                                                            7.036E-06
                                                                              9.533E-05
                                                                                                                  3.644E-06
3.070E-06
                                                                                                                                   7.473E-04
6.650E-04
                         5,882E-05
         184
                                          1.874E-03
1.817E-03
1.761E-03
                                                                              7.920E-05
8.156E-05
                         4.848E-05
                                                            5.889E-06
6.047E-06
                                                                                                                  3.144E-06
                                                                                                                                    6.652E-04
         186
                         5.011E-05
                                                                                                                                   6.486E-04
6.397E-04
                         5.020E-05
                                                             6.025E-06
                                                                              8.145E-05
                                                                                                7.516E-05
                                                                                                                  3.125E-06
         187
                                                                                                                                                      4.829E-05
                                           1.729E-03
1.688E-03
                                                            6.130E-06
6.235E-06
                                                                                                7.673E-05
7.806E-05
                                                                                                                  3.169E-06
3.222E-06
                         5.146E-05
                                                                              8.313E-05
         188
                                                                              8.456E-05
                                                                                                                                    6.481E-04
                                                                                                                                                      4.916E-05
                         5.239E-05
4.587E-05
         189
                                                                                                                  2.851E-06
2.568E-06
                                                                                                                                    5.892E-04
5.485E-04
                                                                                                                                                     4.302E-05
3.821E-05
                                           1.433E-03
                                                             5.499E-06
                                                                              7.433E-05
                                                                                                6.859E-05
         190
                                           1.252E-03
1.083E-03
                                                            4.934E-06
4.444E-06
                                                                                                6.126E-05
5.493E-05
                         4.077E-05
                                                                              6.641E-05
                                                                              5.957E-05
                                                                                                                  2.321E-06
                                                                                                                                    5.106E-04
                                                                                                                                                      3.409E-05
         192
                         3.642E-05
                                                                                                                                                     2.234E-04
2.043E-04
                                           4.413E-03
                                                                              3.738E-04
3.395E-04
         193
                         2.367E-04
                                                             2.647E-05
                                                                                                3.460E-04
                                                                                                                  1.330E-05
                                                                                                                                    2.006E-03
                                                                                                                  1.190E-05
1.119E-05
                                                                                                                                    1,647E-03
                                                                                                3.144E-04
2.976E-04
                         2.162E-04
                                           4.321E-03
4.154E-03
                                                            2.384E-05
2.254E-05
         194
                                                                              3.212E-04
                                                                                                                                    1.434E-03
                                                                                                                                                      1.956E-04
                         2.06BE-04
         195
                                                                                                                                                     1.916E-04
1.898E-04
                                                                              3.142E-04
3.126E-04
                                                                                                2.911E-04
2.896E-04
                                                                                                                                   1.394E-03
1.467E-03
                         2.026E-04
                                           4.086E-03
                                                             2,206E-05
                                                                                                                  1.095E-05
         196
                                                                                                                  1.097E-05
                                                            2.202E-05
2.168E-05
                                          4.052E-03
3.984E-03
         197
                         2.007E-04
                         1.956E-04
                                                                              3.060E-04
                                                                                                 2.833E-04
                                                                                                                  1.085E-05
                                                                                                                                    1.550E-03
                                                                                                                                                      1.847E-04
         198
                                                                                                                        * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 232
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                  Page - 232
                                                            2.161E-05
2.197E-05
2.028E-05
                                                                                                                                    1.691E-03
                                                                                                                                                     1.813E-04
                                           3.873E-03
3.777E-03
                                                                              3.030E-04
                                                                                                2.803E-04
                                                                                                                  1.089E-05
                         1.922E-04
                                                                                                2.83E-04
2.830E-04
2.613E-04
2.438E-04
2.426E-04
                         1.922E-04
1.776E-04
                                                                                                                                    1.886E-03
1.734E-03
                                                                              3.061E-04
                                                                                                                  1,115E-05
                                                                                                                                                      1.811E-04
         200
                                                                              2.825E-04
2.636E-04
                                                                                                                  1.029E-05
9.624E-06
                                                                                                                                                     1.673E-04
1.560E-04
                                           3.715E-03
         201
                                                                                                                                    1.635E-03
         202
                         1.656E-04
                                           3.669E-03
3.620E-03
                                                            1.895E-05
                                                                              2.625E-04
                         1.634E-04
                                                             1 895E-05
                                                                                                                  9.684E-06
                                                                                                                                    1.754E-03
                                                                                                                                                      1.537E-04
                                                                                                                  1.520E-05
1.355E-05
                                                                                                                                                     2.552E-04
2.332E-04
                         2.704E-04
                                           4.704E-03
                                                            3.024E-05
                                                                              4.268E-04
3.868E-04
                                                                                                3.951E-04
3.583E-04
                                                                                                                                    2.294E-03
         204
                                                                                                                                    1.856E-03
         205
                         2.468E-04
2.400E-04
2.407E-04
                                           4.598E-03
                                                            2.716E-05
2.615E-05
                                                                              3.730E-04
                                                                                                                                    1.658E-03
                                                                                                                                                     2.270E-04
2.277E-04
                                           4.409E-03
                                                                                                 3.455E-04
                                                                                                                  1.298E-05
         206
                                                                                                3.468E-04
3.356E-04
3.264E-04
                                                                                                                  1.305E-05
1.275E-05
                                                                                                                                    1.685E-03
1.758E-03
         207
                                           4.356E-03
                                                            2.627E-05
                                                                              3.744E-04
                                                                                                                                                      2,192E-04
                                           4.331E-03
4.256E-03
4.142E-03
                                                            2.556E-05
2.508E-05
                                                                              3.624E-04
3.527E-04
         208
                         2.319E-04
                         2.240E-04
                                                                                                                  1.261E-05
                                                                                                                                    1.913E-03
                                                                                                                                                      2,114E-04
         209
                                                                                                3.383E-04
3.742E-04
                                                                                                                  1.339E-05
1.517E-05
                                                                                                                                    2.296E-03
2.883E-03
                                                                                                                                                     2.164E-04
2.366E-04
                                                             2.634E-05
                                                                              3.659E-04
         210
                                                            2.954E-05
2.314E-05
                                                                              4.051E-04
                         2.518E-04
                                           4.074E-03
                                          3.993E-03
3.936E-03
                                                                              3.206E-04
                                                                                                 2.963E-04
                                                                                                                  1.181E-05
                                                                                                                                    2,114E-03
                                                                                                                                                      1.882E-04
         212
213
                         2.000E-04
                                                                              2.894E-04
2.946E-04
4.755E-04
                                                                                                2.675E-04
2.722E-04
4.403E-04
                                                                                                                                                      1.699E-04
1.714E-04
2.856E-04
                         1.805E-04
                                                             2.085E-05
                                                                                                                  1.063E-05
                                                                                                                                    1.889E-03
2.086E-03
                                                                                                                  1.098E-05
1.680E-05
                         1.824E-04
                                           3.877E-03
                                                            2.139E-05
3.356E-05
                                                                                                                                    2.419E-03
                                           5.014E-03
                         3.024E-04
2.782E-04
         215
                                                                                                                                                     2,630E-04
2,645E-04
2,758E-04
                                           4.893E-03
                                                             3.056E-05
                                                                              4.355E-04
                                                                                                 4.034E-04
                                                                                                                  1.523E-05
                                                                                                                                    2.060E-03
         216
                         2.798E-04
2.918E-04
2.789E-04
                                                            3,064E-05
3,212E-05
3,116E-05
                                           4.713E-03
4.681E-03
                                                                              4.369E-04
4.566E-04
                                                                                                4.047E-04
4.229E-04
                                                                                                                  1.525E-05
1.602E-05
                                                                                                                                    2.019E-03
                                                                                                                                    2,193E-03
         218
                                           4.660E-03
                                                                               4.389E-04
                                                                                                 4.062E-04
                                                                                                                  1,565E-05
                                                                                                                                    2,346E-03
                                                                                                                                                      2.632E-04
         219
                                                                              4.197E-04
5.027E-04
                                                                                                                  1.524E-05
1.894E-05
                                                                                                                                    2.504E-03
3.678E-03
                                                                                                                                                      2.496E-04
2.931E-04
                         2.648E-04
                                           4.566E-03
                                                             3.009E-05
                                                                                                 3.881E-04
         220
                                           4.482E-03
4.400E-03
                                                                                                 4.642E-04
                         3.120E-04
3.017E-04
         221
                                                             3.680E~05
                                                             3.583E-05
                                                                               4.879E-04
                                                                                                 4.505E-04
                                                                                                                  1.850E-05
                                                                                                                                    3.692E-03
                                                                                                                                                      2.832E-04
         222
                                                                                                                                                      2.087E-04
1.890E-04
         223
                         2.220E-04
                                           4.300E-03
                                                             2.586E-05
                                                                              3.570E-04
3.241E-04
                                                                                                 3.299E-04
                                                                                                                  1.324E-05
1.204E-05
                                                                                                                                    2.446E-03
                                                                                                                                    2.247E-03
2.778E-03
                                                                                                2.995E-04
3.328E-04
         224
                         2.010E-04
                                           4.236E-03
4.177E-03
                                                            2.348E-05
2.646E-05
                                                                               3.605E-04
                                                                                                                  1.369E-05
                                                                                                                                                      2.081E-04
                         2.218E-04
         225
                                                                                                                                                     2.300E-04
2.161E-04
2.762E-04
2.438E-04
2.405E-04
                                           4.648E-03
4.571E-03
4.523E-03
                                                            2.876E-05
2.720E-05
3.585E-05
                                                                                                                  1.478E-05
1.402E-05
                                                                              3.952E-04
3.727E-04
                                                                                                3.650E-04
3.442E-04
                                                                                                                                    2.826E-03
2.747E-03
         226
                         2.448E-04
         227
                         2.301E-04
                         2.949E-04
2.596E-04
                                                                               4.827E-04
                                                                                                 4.453E-04
                                                                                                                  1.870E-05
                                                                                                                                    4.060E-03
         228
                                                                                                                  1.576E-05
1.575E-05
                                                                                                                                    3.063E-03
3.165E-03
                                           5.027E-03
                                                             3.062E-05
                                                                               4.200E-04
                                                                                                 3.879E-04
         229
                                                                                                 3.842E-04
         230
                         2.562E-04
3.217E-04
                                           4.918E-03
                                                            3.048E-05
3.920E-05
                                                                               4.161E-04
                                           4.836E-03
                                                                               5,273E-04
                                                                                                 4.863E-04
                                                                                                                  2.046E-05
                                                                                                                                    4.477E-03
                                                                                                                                                      3.013E-04
         231
                                                                                                                                                      2.945E-04
2.445E-04
         232
                         3.139E-04
                                           5.473E-03
                                                             3.754E-05
                                                                               5.105E-04
                                                                                                 4.712E-04
                                                                                                                  1.944E-05
                                                                                                                                    3.987E-03
                                                                                                                                    3.142E-03
3.500E-03
                                                            3.084E-05
3.276E-05
5.158E-05
                                                                                                 3.903E-04
                                                                                                                  1.591E-05
                         2.604E-04
                                           5.245E-03
                                                                               4.226E-04
                                                                               4.458E-04
                                                                                                 4,114E-04
                                                                                                                  1.698E-05
                                                                                                                                                      2.565E-04
         234
                         2.735E-04
                                           5.126E-03
                                                                                                                                                      3.969E-04
         235
                                           5.981E-03
                                                                               6.937E-04
                                                                                                 6.398E-04
                                                                                                                  2.691E-05
                                                                                                                                    5,868E-03
                         4.238E-04
                                                                                                                                                      2.814E-04
                                                                                                 4.503E-04
                                                                                                                                    3.738E-03
3.934E-03
                                           5.647E-03
5.563E-03
                                                            3.574E-05
3.645E-05
                         2.999E-04
                                                                               4.878E-04
                                                                                                                  1.848E-05
                                                                                                                  1.891E-05
2.269E-05
2.078E-05
                                                                               4.948E-04
                                                                                                 4.566E-04
                                                                                                                                                      2.846E-04
         237
238
                         3.035E-04
3.638E-04
                                           6.158E-03
                                                             4.373E-05
                                                                               5.930E-04
                                                                                                 5,472E-04
                                                                                                                                    4.735E-03
                                                                                                                                                      3.411E-04
3.126E-04
                                                                                                 5.013E-04
                                                                                                                                    4.331E-03
                                                             4.005E-05
                                                                              5.432E-04
7.142E-04
         239
                         3.333E-04
                                           6.022E-03
                                                             5,291E-05
                                                                                                                  2.753E-05
                                                                                                                                    5.864E-03
                                                                                                                                                      4.101E-04
                         4.376E-04
3.849E-04
                                           6.732E-03
                                                                                                 6.589E-04
         240
                                           6,498E-03
                                                                               6.280E-04
                                                                                                5.794E-04
7.553E-04
                                                                                                                   2.417E-05
                                                                                                                                    5.127E-03
                                                                                                                                                      3.607E-04
                                                             4,648E-05
         241
                                                                                                                                    6.820E-03
5.451E-03
                                                                                                                                                      4.698E-04
                                                                                                                  3.168E-05
2.577E-05
                         5.014E-04
                                           7.299E-03
                                                             6.081E-05
                                                                               8 188E-04
                                                                                                                                                      3.851E-04
                                           6.961E-03
7.797E-03
                                                                                                 6.176E-04
         243
                         4.109E-04
                                                             4.958E-05
                                                                               6.694E-04
                                                                                                 7.087E-04
5.402E-04
2.373E-05
                         4.725E-04
                                                             5.676E-05
                                                                               7.680E-04
                                                                                                                   2.945E-05
                                                                                                                                    6.130E+03
                                                                                                                                                      4.430E-04
         244
245
                                                            4.283E-05
1.938E-06
                                                                              5.850E-04
2.576E-05
                                                                                                                  2,208E-05
                                                                                                                                    4.335E-03
2.411E-04
                                                                                                                                                      3.401E-04
                         3.622E-04
                                           7.379E-03
                                                                                                                   1.022E-06
                                                                                                                                                      1.451E-05
         246
247
                         1.553E-05
1.743E-05
                                           3.221E-04
                                           3.544E-04
                                                             2.164E-06
                                                                               2,881E-05
                                                                                                 2,655E-05
                                                                                                                   1,138E-06
                                                                                                                                    2.643E-04
                                                                                                                                                      1.629E-05
                                                                                                                                                      1.807E-05
                         1.933E-05
                                           3.937E-04
                                                             2.395E-06
                                                                               3.194E-05
                                                                                                 2 944E-05
                                                                                                                  1.259E-06
                                                                                                                                    2.907E-04
```

6.404E-05

249 250	1.761E-05 1.699E-05	4.656E-04 5.449E-04	2.155E-06 2.034E-06	2.900E-05 2.762E-05		1.126E-06 1.054E-06	2.498E-04 2.164E-04	1.649E-05 1.594E-05	
DEN QUEEN t File:	MINING - SOLEDA g:\ace\GQ91\GQPA	AD MIN PROJEC ACE.DAT	T ~ ALL RECE Output	PTORS, 1991 File: g:\ac	MET, PM10 e\GQ91\GQFAC	* OUTPU	T OF AMI/SBC	APCD ACE2588 MODEL VERS. 9 1/07/95 09:41:42 Page	93288 * - 23 3
251 251 252 253 254 255 257 258 259 260 261 263 264 266 267 268 269 270 271 272 273 274 275 276 277 278 281 282 283 284 285 286 287 288 289 280 281 281 282 283 284 285 276 277 278 278 278 279 279 279 279 279 279 279 279 279 279	g:\ace\GQ91\GQPs 1.823E-05 1.861E-05 1.954E-05 1.956E-05 1.968E-05 1.968E-05 1.590E-05 1.441E-05 1.342E-05 1.441E-05 1.342E-05 1.464E-05 1.611E-05 1.977E-05 2.058E-05 1.962E-05 1.946E-05 1.737E-05 2.058E-05 1.737E-05 1.568E-05 1.568E-05 1.573E-05 1.586E-05 1.715E-05 1.586E-05	6.129E-04 6.830E-04 7.204E-04 7.279E-04 7.279E-04 7.279E-04 8.053E-04 7.953E-04 6.867E-04 6.187E-04 6.187E-04 6.187E-04 6.350E-04	Output 2.152E-06 2.154E-06 2.250E-06 2.193E-06 2.199E-06 2.199E-06 2.104E-06 1.55E-06 1.509E-06 1.502E-06 2.333E-06 2.339E-06 1.720E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.491E-06 1.502E-06 1.772E-06 1.491E-06 1.772E-06 2.337E-06 2.320E-06 2.371E-06 2.337E-06 1.752E-06 1.752E-06 1.752E-06 1.752E-06 1.752E-06 1.752E-06 2.337E-06 2.337E-06 2.337E-06 2.337E-06	File: 8:\ac 2.941E-05 2.967E-05 3.164E-05 3.064E-05 3.064E-05 2.954E-05 2.755E-05 2.244E-05 2.185E-05 2.297E-05 2.297E-05 3.157E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 3.168E-05 2.821E-05 3.168E-05 2.821E-05 3.168E-05 2.708E-05 3.168E-05 2.708E-05 3.168E-05	e\GQ91\GQPAC: 2.716E-05 2.742E-05 2.877E-05 2.835E-05 2.837E-05 2.837E-05 2.734E-05 2.734E-05 2.92E-05 2.125E-05	1.109E-06 1.100E-06 1.100E-06 1.110E-06 1.111E-06 1.111E-06 1.100E-06 1.100E-06 1.00E-06 1.00E-06 1.055E-07 7.743E-07 7.377E-07 8.259E-07 8.259E-07 9.224E-07 1.067E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-06 1.202E-07 8.627E-07 9.247E-07 9.725E-07 1.069E-06 1.163E-06 1.163E-06 1.163E-06 1.216E-06 1.216E-06 1.216E-06 1.240E-06 1.262E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07 8.639E-07	1 2.164E-04 1.971E-04 2.005E-04 1.773E-04 1.773E-04 1.755E-04 1.555E-04 1.383E-04 1.383E-04 1.095E-04 1.095E-04 1.095E-04 1.261E-04 1.490E-04 1.862E-04 2.397E-04 2.397E-04 2.397E-04 2.148E-04 1.725E-04 1.72	1.712E-05 1.751E-05 1.840E-05 1.840E-05 1.819E-05 1.834E-05 1.847E-05 1.847E-05 1.656E-05 1.669E-05 1.362E-05 1.362E-05 1.362E-05 1.362E-05 1.382E-05 1.382E-05 1.393E-05 1.713E-05 1.873E-05 1.713E-05 1.873E-05 1.875E-05 1.142E-05 1.855E-05 1.1471E-05 1.142E-05 1.376E-05 1.1471E-05 1.377E-05 1.377E-05 1.377E-05 1.471E-05 1.576E-05 1.779E-05 1.779E-05 1.779E-05 1.779E-05 1.979E-05 1.979E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.498E-05 1.978E-05 1.498E-05 1.978E-05	- 233
298 299 300	1.927E-05 1.790E-05 1.608E-05 1.451E-05	7.005E-04 6.635E-04 6.069E-04 5.569E-04	2.256E-06 2.104E-06 1.896E-06 1.712E-06	3.091E-05 2.877E-05 2.588E-05 2.337E-05	2.657E-05 2.390E-05	1,157E-06 1.082E-06 9.757E-07 8.816E-07	2.180E-04 2.075E-04 1.891E-04 1.715E-04	1.811E-05 1.681E-05 1.511E-05 1.363E-05	
301 302 GOLDEN QUEE	1.282E-05	5.052E-04	1.510E-06	2.063E-05		8.816E-07 7.769E-07 * OUTPU	1.499E-04	1.205E-05	93288 *
	N MINING - SOLEDA g:\ace\GQ91\GQPA 1.142E-05 1.234E-05 1.328E-05 1.470E-05 1.624E-05 1.778E-05 1.923E-05 2.132E-05 2.358E-05 2.440E-05 2.456E-05 2.451E-05 2.110E-05 1.748E-05 1.748E-05 1.748E-05 1.747E-05 1.897E-05 2.159E-05 2.159E-05 1.152E-05 1.634E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.748E-05 1.838E-05 1.634E-05 1.634E-05 1.634E-05 1.634E-05 1.634E-05 1.634E-05 1.59E-05 1.59E-05 1.59E-05 1.59E-05 1.59E-05 1.59E-05							APCD ACE2588 MODEL VERS. 9 1/07/95 09:41:42 Page 1.073E-05 1.156E-05 1.243E-05 1.378E-05 1.523E-05 1.609E-05 2.157E-05 2.224E-05 2.302E-05 2.314E-05 1.790E-05 1.790E-05 2.152E-05 1.790E-05 1.350E-05 1.350E-05 1.319E-05	93288 * - 234

```
2.470E-04
2.505E-04
2.563E-04
                                                                                                    3.098E-05
3.415E-05
3.723E-05
                                                                                 3.355E-05
3.696E-05
                                                                                                                       1.269E-06
                                            7.077E-04
8.247E-04
                                                              2.463E-06
2.691E-06
                         2.087E-05
2.317E-05
                                                                                                                                                            2.179E-05
2.390E-05
                                                                                                                       1.376E-06
        339
                                             9.499E-04
                                                                                                                       1.483E-06
1.521E-06
                                                               2.915E-06
                                                                                  4.028E-05
        340
                                                                                  4.199E-05
                                                                                                     3.884E-05
                                                                                                                                          2.422E-04
                                                               3.012E-06
                         2.666E-05
                                            9.647E-04
                                            1.023E-03
                                                               3.119E-06
                                                                                  4.354E-05
                                                                                                     4.028E-05
                                                                                                                       1.572E-06
                                                                                                                                          2.459E-04
                                                                                                                                                            2.612E-05
        342
                         2.769E-05
                                                                                  4.413E-05
4.355E-05
4.057E-05
                                                                                                                                          2.413E-04
2.277E-04
                                             1.035E-03
                                                               3.15ZE 06
                                                                                                     4.083E-03
4.031E-05
                                                                                                                        1.586E-06
                                                                                                                                                             2.655E 05
         343
                                            1.103E-03
1.093E-03
                                                                                                                       1.555E-06
                                                                                                                                                            2.630E-05
                          2.786E-05
                                                               3.101E-06
2.880E-06
                         2.601E-05
2.327E-05
                                                                                                     3.756E-05
                                                                                                                       1.441E-06
                                                                                                                                          2.045E-04
                                                                                                                                                            2.457E-05
        345
                                            1.046E-03
9.519E-04
8.208E-04
                                                               2.558E-06
2.318E-06
2.191E-06
                                                                                                     3.350E-05
3.037E-05
                                                                                                                                                            2.199E-05
                                                                                  3.617E-05
3.279E-05
                                                                                                                       1.275E-06
1.155E-06
                                                                                                                                          1.732E-04
1.556E-04
         346
                         2.110E-05
2.000E-05
         347
                                                                                                                                                            1.891E-05
1.986E-05
                                                                                  3.105E-05
                                                                                                     2.876E-05
                                                                                                                       1.090E-06
                                                                                                                                          1.446E-04
         348
                                            7.462E-04
7.405E-04
8.177E-04
8.659E-04
8.844E-04
                                                               2.335E-06
2.575E-06
2.774E-06
                                                                                  3.285E-05
3.596E-05
                                                                                                     3.041E-05
                                                                                                                       1.169E-06
                                                                                                                                          1.686E-04
                          2.103E-05
                                                                                                                                          2.023E-04
2.317E-04
2.476E-04
                         2.288E-05
2.439E-05
2.486E-05
2.372E-05
2.161E-05
                                                                                                     3.327E-05
                                                                                                                       1.298E-06
                                                                                                                                                             2.159E-05
         350
                                                                                                                       1.405E-06
1.448E-06
1.391E-06
                                                                                                                                                            2.298E-05
2.341E-05
                                                                                  3.853E-05
                                                                                                     3.563E-05
        351
                                                                                                    3.645E-05
3.488E-05
                                                               2.848E-06
2.731E-06
                                                                                  3.943E-05
3.774E-05
                                                                                                                                          2.433E-04
                                                                                                                                                             2.233E-05
         353
                                            8.703E-04
                                                               2.489E-06
                                                                                  3.439E-05
                                                                                                    3.179E-05
                                                                                                                       1.268E-06
                                                                                                                                          2.221E-04
                                                                                                                                                            2.034E-05
         354
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                          11/07/95 09:41:42
                                                                                                                                                                                          Page -
                          1.929E-05
                                             8.256E-04
                                                               2.225E-06
                                                                                  3.072E-05
                                            7.529E-04
6.747E-04
5.937E-04
5.084E-04
4.412E-04
3.984E-04
                                                               1.973E-06
1.726E-06
1.520E-06
                                                                                                                       1.006E-06
8.804E-07
7.752E-07
                                                                                  2.721E-05
2.381E-05
                                                                                                    2.515E-05
2.201E-05
                                                                                                                                         1.793E-04
1.565E-04
                                                                                                                                                            1.606E-05
1.406E-05
                          1.707E-05
         356
                          1.494E-05
                                                                                                                                          1.379E-04
                                                                                  2.096E-05
                                                                                                     1.937E-05
         358
                         1.315E-05
1.178E-05
                                                                                                                       6.959E-07
                                                                                                     1.736E-05
1.556E-05
1.416E-05
                                                               1.363E-06
                                                                                  1.879E-05
                                                                                                                                          1.246E-04
                                                                                                                                                             1.108E-05
9.938E-06
         359
                                                                                                                       6.241E-07
5.689E-07
                                                                                  1.684E-05
1.532E-05
                                                                                                                                          1.119E-04
                                                               1.222E-06
1.113E-06
                          1.056E-05
                                                                                                                                          1.028E-04
                                                                                                                                                             9.034E-06
                          9.603E-06
         361
                                                              1.571E-06
1.755E-06
1.964E-06
2.133E-06
                                            3.135E-04
3.524E-04
4.279E-04
                          1.286E-05
                                                                                  2.104E-05
                                                                                                     1.940E-05
2.171E-05
                                                                                                                       8,208E-07
                                                                                                                                          1.811E-04
1.995E-04
                                                                                                                                                             1.204E-05
         362
                                                                                  2.354E-05
2.638E-05
2.874E-05
3.249E-05
                                                                                                                       9.156E-07
                                                                                                                                                             1.350E-05
                          1.442E-05
                                                                                                     2.433E-05
2.651E-05
2.998E-05
                                                                                                                       1.024E-06
                                                                                                                                          2.213E-04
                                                                                                                                                             1.515E-05
                         1.618E-05
1.769E-05
         364
                                                                                                                       1.109E-06
1.246E-06
         365
                                                                                                                                          2.339E-04
                                            5.046E-04
                                                                                                                                                            1.658E-05
                                                                                                                                          2.567E-04
2.740E-04
2.828E-04
2.857E-04
                                                              2.404E-06
2.684E-06
2.966E-06
3.238E-06
                                                                                                                                                             1.882E-05
                                            5.960E-04
7.323E-04
                          2.007E-05
                          2.264E-05
2.541E-05
                                                                                  3.647E-05
                                                                                                     3.367E-05
3.754E-05
4.133E-05
                                                                                                                       1.384E-06
                                                                                                                                                             2.126E-05
2.389E-05
2.653E-05
         367
                                                                                                                       1.520E-06
1.648E-06
                                            8.822E-04
                                                                                  4.063E-05
         368
                                                                                  4.471E-05
                                            1.044E-03
1.081E-03
1.157E-03
         369
                         2.818E-05
3.034E-05
                                                               3.432E-06
3.567E-06
                                                                                                                       1.734E-06
1.797E-06
1.819E-06
                                                                                                                                          2.779E-04
2.795E-04
2.720E-04
                                                                                  4.781E-05
                                                                                                     4.423E-05
                                                                                                                                                             2.861E-05
         370
                                                                                  4.982E-05
5.079E-05
                                                                                                                                                             2.991E-05
3.061E-05
                                                                                                     4.610E-05
4.700E-05
                          3.171E-05
                         3.243E-05
3.186E-05
2.931E-05
                                            1.166E-03
1.250E-03
                                                               3.622E-06
3.539E-06
                                                                                  4.976E-05
                                                                                                     4,606E-05
                                                                                                                       1.773E-06
                                                                                                                                          2.566E-04
                                                                                                                                                             3.009E-05
         373
                                                                                  4.565E-05
4.076E-05
                                                                                                     4.227E-05
3.775E-05
                                                                                                                       1.616E-06
1.433E-06
                                                                                                                                          2.254E-04
1.915E-04
                                                                                                                                                            2.769E-05
2.481E-05
                                            1.227E-03
                                                                3.236E-06
                                                               2.879E-06
2.633E-06
                                            1.160E-03
1.033E-03
                          2.624E-05
                                                                                                                                          1.725E-04
1.780E-04
2.144E-04
                          2.405E-05
2.398E-05
                                                                                  3.732E-05
                                                                                                     3.457E-05
                                                                                                                       1.310E-06
                                                                                                                                                             2.274E-05
2.267E-05
         376
                                            8.853E-04
                                                               2.636E-06
                                                                                  3 729E-05
                                                                                                     3.453E-05
3.728E-05
3.995E-05
                                                                                                                       1.314E-06
                                                                                  4.028E-05
4.318E-05
                                                                                                                                                             2.429E-05
2.584E-05
2.638E-05
                                                                                                                       1.442E-06
                          2.573E-05
2.741E-05
2.800E-05
                                            8.450E-04
8.847E-04
                                                               2.872E-06
3.100E-06
         378
                                                                                                                                          2.510E-04
2.717E-04
2.693E-04
                                                                                                                        1.566E-06
         379
                                                                                                                       1.621E-06
1.565E-06
                                            9.658E-04
9.985E-04
9.864E-04
                                                               3.196E-06
3.077E-06
2.783E-06
                                                                                                     4.099E-05
3.937E-05
                                                                                  4.433E-05
4.259E-05
                                                                                                                                                             2.525E-05
                          2.682E-05
2.424E-05
         381
                                                                                                                                          2.442E-04
2.156E-04
1.870E-04
                                                                                                                                                             2.282E-05
2.005E-05
                                                                                  3.851E-05
                                                                                                     3.561E-05
                                                                                                                       1.415E-06
         382
                                                               2.446E-06
2.120E-06
                                            9.347E-04
8.503E-04
                                                                                  3.385E-05
2.933E-05
                                                                                                     3.129E-05
2.712E-05
                                                                                                                       1.245E-06
                          2.129E-05
                                                                                                                       1.079E-06
                                                                                                                                                             1.737E-05
                          1.845E-05
1.590E-05
         384
                                                                                                     2.336E-05
2.046E-05
                                                                                                                                                             1.498E-05
         385
                                             7.504E-04
                                                                1.826E-06
                                                                                  2.527E-05
                                                                                                                       9.289E-07
                                                                                                                                          1.604E-04
                                                                                                                       8.142E-07
7.199E-07
                                                                                                                                          1.411E-04
1.256E-04
                                                                                                                                                             1.311E-05
                                                                                  2.213E-05
                          1.392E-05
                                            6.500E-04
5.512E-04
                                                               1.600E-06
1.414E-06
                                                                                  1.954E-05
                                                                                                     1.806E-05
                                                                                                                                                             1.157E-05
         387
                          1.229E-05
                                                                                                                                          1.125E-04
                                                                                  1.737E-05
1.567E-05
                                                                                                                       6.409E-07
5.796E-07
         388
                          1.092E-05
                                            4.783E-04
                                                                1.258E-06
                                                                                                     1.606E-05
                                                                                                                                                             1.028E-05
                                                                                                                                          1.027E-04
9.338E-05
                                                                                                                                                             9.263E-06
                                                               1.136E-06
1.025E-06
                                                                                                     1.448E-05
1.305E-05
         389
                          9.843E-06
                                            4.324E-04
                                                                                  1.412E-05
                                                                                                                        5.230E-07
                                                                                                                                                             8.338E-06
                                            4.020E-04
3.351E-04
                          8.861E-06
1.337E-05
1.481E-05
         390
                                                                                                                                                             1.251E-05
1.386E-05
                                                                1.639E-06
                                                                                  2.194E-05
                                                                                                     2.023E-05
                                                                                                                        8.581E-07
                                                                                                                                          1.918E-04
         391
                                                                                                                       9.435E-07
1.060E-06
                                                               1.807E-06
2.034E-06
                                                                                  2.421E-05
2.731E-05
                                                                                                     2.233E-05
2.519E-05
                                                                                                                                          2.073E-04
2.295E-04
                                            3.627E-04
         392
                                            4.232E-04
5.100E-04
                                                                                                                                                             1.569E-05
         393
                          1.675E-05
                                                               2.034E-06
2.295E-06
2.557E-06
2.901E-06
3.259E-06
                          1.893E-05
2.131E-05
                                                                                                                                                             1.773E-05
1.998E-05
                                                                                  3.085E-05
                                                                                                     2.846E-05
                                                                                                                       1.195E-06
1.326E-06
                                                                                                                                          2.570E-04
         394
                                                                                                     3.187E-05
3.631E-05
                                                                                                                                          2.752E-04
3.024E-04
                                            6.180E-04
                                                                                  3.453E-05
3.933E-05
                                                                                                                        1.500E-06
                                                                                                                                                             2.286E-05
                          2.436E-05
2.776E-05
3.165E-05
         396
                                            7.558E-04
9.404E-04
                                                                                   4.451E-05
                                                                                                     4.111E-05
                                                                                                                        1.674E-06
                                                                                                                                          3.188E-04
                                                                                                                                                             2.609E-05
         397
                                                                                                                       1.859E-06
2.000E-06
         398
                                            1.144E-03
                                                                3.648E-06
                                                                                   5.031E-05
                                                                                                     4.650E-05
                                                                                                                                          3.268E-04
                                                                                                                                                             2.979E-05
                                                                                                                                           3.247E-04
                                                                                                                                                             3.287E-05
                                                                                  5.501E-05
5.793E-05
                                                               3.955E-06
4.144E-06
                                                                                                     5.088E-05
                          3.487E-05
                                             1.228E-03
         200
                                             1.319E-03
                                                                                                                        2.087E-06
                                                                                                                                           3.223E-04
                                                                                                                                                             3.481E-05
                          3.689E-05
                                                                                                      5.360E-05
         400
                                                                                                                                          3.135E-04
2.941E-04
                          3.810E-05
                                             1,337E-03
                                                                4.244E-06
                                                                                   5.959E-05
                                                                                                     5.516E-05
                                                                                                                        2.129E-06
                                                                                                                                                             3.597E-05
         401
                                                                                                                        2.057E-06
                                                                                                                                                             3.501E-05
                          3.706E-05
3.359E-05
                                            1.432E-03
1.388E-03
1.298E-03
                                                                4.109E-06
3.699E-06
                                                                                  5.783E-05
5.226E-05
                                                                                                     5.354E-05
         402
                                                                                                     4.840E-05
                                                                                                                        1.846E-06
                                                                                                                                           2.531E-04
                                                                                                                                                              3.175E-05
         403
                                                                                                                                          2.196E-04
1.993E-04
                                                                                                                       1.663E-06
                                                                                                                                                             2.886E-05
2.705E-05
                          3.052E-05
                                                                3.342E-06
                                                                                  4.736E-05
                                                                                                     4.387E-05
         404
                                                                                                                       1.549E-06
1.638E-06
                                                                                                     4.104E-05
                          2.860E-05
                                             1.110E-03
                                                                3.120E-06
                                                                                  4.431E-05
                                                                                  4.617E-05
                                                                                                     4.274E-05
                                                                                                                                                             2.797E-05
                                                                3.276E-06
                                                                                                                                          2.311E-04
                                             9 910E-04
                          2 961E-05
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **Input File: g:\ace\GQ91\GQPACE.OUT **Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                          11/07/95
                                                                                                                                                                          09:41:42
                                                                                                                                                                                           Page -
                                                                                  4.941E-05
5.099E-05
                                                                                                                                          2.758E-04
3.052E-04
                                                                                                                                                             2.968E-05
                                             9.883E-04
                                                                3.536E-06
                                                                                                     4.572E-05
                                                                                                                        1.781E-06
                                                                                                     4.716E-05
                                                                                                                        1.858E-06
                                                                                                                                                             3.042E-05
                          3.228E-05
3.076E-05
                                            1.076E-03
1.137E-03
                                                               3.669E-06
3.517E-06
         408
                                                                                                                                          3.020E-04
                                                                                  4.876E-05
                                                                                                     4.509E-05
                                                                                                                        1.786E-06
                                                                                                                                                             2.898E-05
         409
                                                               3.148E-06
2.736E-06
2.327E-06
                                                                                                     4.037E-05
3.507E-05
                                                                                                                        1.598E-06
1.389E-06
                                                                                                                                          2.704E-04
2.361E-04
         410
                          2.753E-05
                                            1.132E-03
                                                                                   4.366E-05
                                                                                                                                                             2.593E-05
                                            1.132E-03
1.070E-03
9.700E-04
8.412E-04
7.170E-04
6.021E-04
5.232E-04
4.756E-04
                          2.391E-05
2.035E-05
1.736E-05
                                                                                  3.793E-05
3.227E-05
2.754E-05
2.372E-05
                                                                                                                                                             2.252E-05
                                                                                                     2.984E-05
2.546E-05
2.193E-05
                                                                                                                        1,182E-06
                                                                                                                                           2.004E-04
                                                                                                                                                              1.916E-05
         412
                                                                                                                                          1.706E-04
1.480E-04
                                                                1.985E-06
                                                                                                                        1.008E-06
                                                                                                                                                             1.636E-05
         413
                                                                                                                        8.694E-07
                                                                                                                                                              1.408E-05
                                                               1.712E-06
1.490E-06
         414
                          1.495E-05
1.299E-05
                                                                                   2.062E-05
                                                                                                     1.906E-05
                                                                                                                        7.573E-07
                                                                                                                                           1.301E-04
                                                                                                                                                              1.223E-05
         415
                                                               1.318E-06
1.175E-06
1.035E-06
                          1.147E-05
                                                                                   1.822E-05
                                                                                                     1.684E-05
1.500E-05
                                                                                                                        6.708E-07
5.986E-07
                                                                                                                                          1.164E-04
1.048E-04
                                                                                                                                                             1.080E-05
                                                                                   1.623E-05
                                                                                                                                                              9.608E-06
                          1.021E-05
         417
                                                                                   1.429E-05
                                                                                                     1.321E-05
                                                                                                                        5.272E-07
                                                                                                                                           9.213E-05
                                                                                                                                                              8.467E-06
                          8.994E-06
                                             4.467E-04
         418
                          7.863E-06
                                             4.243E-04
                                                                9.037E-07
                                                                                   1.249E-05
                                                                                                      1.154E-05
                                                                                                                        4.599E-07
                                                                                                                                           7.976E-05
                                                                                                                                                             7.403E-06
1.301E-05
                                                                                                                        8.986E-07
9.976E-07
                                                                                                                                          2.038E-04
2.236E-04
                                                                                                     2.107E-05
                                            3.322E-04
3.852E-04
                                                                1.714E-06
1.905E-06
                                                                                  2.286E-05
2.550E-05
         420
                          1,391E-05
                                                                                                      2.351E-05
                                                                                                                                                              1.453E-05
         421
                          1.552E-05
                                                                                                                                          2.453E-04
2.697E-04
2.988E-04
3.285E-04
3.590E-04
                                             4.317E-04
         422
                           1.753E-05
                                                                2.139E-06
                                                                                   2.868E-05
                                                                                                     2.645E-05
                                                                                                                        1.117E-06
                                                                                                                                                              1.642E-05
                                             5.169E-04
6.290E-04
7.899E-04
                                                                                                     2.984E-05
3.381E-05
                                                                                                                                                              1.860E-05
                          1.985E-05
                                                                2.407E-06
2.720E-06
                                                                                  3.236E-05
3.665E-05
                                                                                                                        1.254E-06
         423
                          2.254E-05
                                                                                                                                                              2.113E-05
         424
425
```

3.903E-05

4 502E-05

1.616E-06

1 844E-06

2.455E-05 2.849E-05

4.229E-05

4 876E-05

3.123E-06

3.581E-06

2.616E-05

3 034E-05

9.939E-04

```
5.247E-05
                                                                                                                      2.108E-06
2.336E-06
2.481E-06
                                                                                                                                                            3.354E-05
                                                                                                                                         3.782E-04
         427
                                                               4.128E-06
                                                                                  5.678E-05
                                                                                                                                                            3.817E-05
                          4.050E-05
4.398E-05
                                            1.407E-03
1.524E-03
                                                               4.610E-06
4.931E-06
                                                                                 6.399E-05
6.900E-05
                                                                                                    5.917E-05
6.385E-05
                                                                                                                                         3.864E-04
3.793E-04
         428
                                                                                                                                                            4.150E-05
         429
         430
                          4.581E-05
                                             1.564E-03
                                                               5.091E-06
                                                                                  7.157E-05
                                                                                                     6,626E-05
                                                                                                                       2.550E-06
                                                                                                                                          3.697E-04
                                                                                                                                                            4.326E-05
                                                                                                                       2.421E-06
2.174E-06
                                                                                                                                         3.416E-04
2.913E-04
                                            1.659E-03
1.580E-03
1.448E-03
                                                                                                    6.318E-05
5.722E-05
                                                                                                                                                            4.136E-05
         431
                          4.378E-05
                                                               4.843E-06
                                                                                  6.824E-05
                                                               4.365E-06
                          3.977E-05
                                                                                  6.178E-05
         432
                                                                                  5.646E-05
5.518E-05
                                                                                                                       1.975E-06
1.939E-06
                                                                                                                                         2.550E-04
2.572E-04
                                                               3.977E-06
                                                                                                     5.231E-05
                                                                                                                                                            3 446E-05
         433
                                                                                                     5.111E-05
                                                                                                                                                            3.361E-05
                                                               3.895E-06
         434
                          3.555E-05
                                            1.221E-03
                                                                                                                       2.078E-06
2.153E-06
2.086E-06
                                             1.159E-03
                                                               4.141E-06
                                                                                  5.813E-05
                          3.716E-05
         435
                                                               4.263E-06
4.113E-06
3.645E-06
                                                                                                                                                            3.557E-05
3.399E-05
                                             1.205E-03
                                                                                  5.942E-05
5.711E-05
                                                                                                    5.497E-05
5.281E-05
                                                                                                                                         3.430E-04
3.480E-04
         436
                                            1.307E-03
1.320E-03
         437
                          3.608E-05
                          3.198E-05
                                                                                  5.064E-05
                                                                                                     4.683E-05
                                                                                                                       1.848E-06
                                                                                                                                         3.079E-04
                                                                                                                                                            3.013E-05
         438
                                                               3.123E-06
2.590E-06
2.177E-06
                                                                                                    4.011E-05
3.330E-05
                                                                                                                       1.584E-06
1.312E-06
                                                                                                                                         2.653E-04
2.171E-04
                                                                                                                                                            2.579E-05
2.144E-05
                          2.738E-05
                                            1.244E-03
                                                                                  4.337E-05
         439
                                                                                  3.601E-05
                          2.276E-05
1.912E-05
                                            1.120E-03
9.519E-04
         440
                                                                                                                                                            1.802E-05
1.519E-05
                                                                                  3.026E-05
                                                                                                     2.798E-05
                                                                                                                       1.103E-06
                                                                                                                                          1.827E-04
         441
                                                               1.839E-06
1.578E-06
1.387E-06
                                                                                 2.553E-05
2.188E-05
1.920E-05
                                                                                                                                         1.563E-04
1.358E-04
1.209E-04
                          1.612E-05
                                            7.974E-04
                                                                                                     2.361E-05
                                                                                                                       9.329E-07
                                                                                                    2.023E-05
1.775E-05
1.545E-05
                                                                                                                       8.014E-07
                                                                                                                                                            1.300E-05
                                           6.634E-04
5.797E-04
                          1.380E-05
1.210E-05
         443
                                                                                                                                                            1.140E-05
9.921E-06
                                                                                                                       7.053E-07
         444
                                           5.319E-04
4.983E-04
4.564E-04
3.960E-04
                                                                                  1.671E-05
1.440E-05
1.245E-05
                                                                                                                       6.142E-07
5.280E-07
                                                                                                                                         1.054E-04
                          1.054E-05
                                                               1.208E-06
1.040E-06
                                                                                                     1.332E-05
                                                                                                                                          8.961E-05
                                                                                                                                                            8.560E-06
                          9.088E-06
7.861E-06
         446
                                                                                                                                         7.707E-05
6.739E-05
2.107E-04
                                                                                                                       4.561E-07
3.998E-07
                                                               8.986E-07
                                                                                                     1.151E-05
                                                                                                                                                            7.405E-06
         447
                                                               7.877E-07
1.733E-06
1.977E-06
                                                                                                     1.010E-05
                                                                                                                                                            6.495E-06
                          6.895E-06
                                                                                  1 092E-05
                                            3.211E-04
3.851E-04
                                                                                  2.305E-05
2.636E-05
                                                                                                    2.125E-05
2.429E-05
2.746E-05
                                                                                                                       9.111E-07
                                                                                                                                                            1.307E-05
                          1.398E-05
         449
                                                                                                                                         2.368E-04
2.616E-04
2.884E-04
                                                                                                                       1.038E-06
                                                                                                                                                            1.498E-05
          450
                                                                                 2.978E-05
3.401E-05
3.947E-05
4.521E-05
5.340E-05
                          1.812E-05
2.081E-05
                                             4.510E-04
5.298E-04
                                                               2.226E-06
2.534E-06
                                                                                                                       1.166E-06
1.322E-06
                                                                                                                                                            1.696E-05
                                                                                                     3.136E-05
                                                                                                                                                             1.949E-05
          452
                                                               2.934E-06
3.345E-06
3.929E-06
                                                                                                    3.640E-05
4.172E-05
                                                                                                                       1.528E-06
1.734E-06
                                                                                                                                         3.275E-04
3.579E-04
          453
                                             6.430E-04
                                                                                                                                                            2.269E-05
                          2.791E-05
                                                                                                                                                             2.617E-05
                                             8.100E-04
1.053E-03
1.337E-03
          454
                                                                                                    4.930E-05
5.952E-05
7.011E-05
                                                                                                                                                            3.113E-05
3.796E-05
4.514E-05
                          3.316E-05
                                                                                                                       2.026E-06
                                                                                                                                          4.005E-04
         455
                                                                                                                                         4.404E-04
4.681E-04
                                                                                  6.442E-05
7.583E-05
                                                                                                                       2.403E-06
2.778E-06
                          4.036E-05
                                                               4.696E-06
          456
                                                               5.474E-06
5.981E-06
                                             1.609E-03
                          4.792E-05
                                             1.778E-03
                                                                                  8.381E-05
                                                                                                     7.757E-05
                                                                                                                       3.005E-06
                                                                                                                                          4.514E-04
                                                                                                                                                            5.050E-05
                          5.350E-05
         458
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.OUT * Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                         11/07/95 09:41:42
                                                                                                                                                                                           Page -
                                                                                                                       3.148E-06
2.936E-06
2.667E-06
                                                                                                                                          4.475E-04
                                                               6.292E-06
5.884E-06
5.370E-06
                                                                                  8.862E-05
                                                                                                     8.205E-05
                          5.338E-05
4.921E-05
                                             1.943E-03
1.829E-03
                                                                                  8.307E-05
7.624E-05
7.036E-05
                                                                                                                                         4.049E-04
3.439E-04
3.077E-04
                                                                                                    7.692E-05
7.063E-05
                                                                                                                                                            5.044E-05
         460
                                                                                                                                                            4.654E-05
4.303E-05
         461
                                                                                                                       2.451E-06
2.497E-06
                                                               4.945E-06
5.001E-06
                                                                                                     6.519E-05
         462
                          4.548E-05
                                             1.616E-03
                                                                                                                                         3.453E-04
3.932E-04
4.039E-04
3.590E-04
                                                                                  7.060E-05
7.135E-05
                                             1.409E-03
                                                                                                     6.537E-05
                          4 535E-05
         463
                                                                                                                       2.566E-06
2.480E-06
2.183E-06
                                             1.399E-03
                                                               5.100E-06
                                                                                                     6.602E-05
                                                                                                                                                            4.289E-05
          464
                                                                                                                                                            4.072E-05
                                             1.507E-03
1.561E-03
         465
                          4.320E-05
3.792E-05
                                                               4.901E-06
4.311E-06
                                                                                  6.821E-05
                                                                                                     6.309E-05
                                                                                  5.997E-05
                                                                                                     5.547E-05
         466
                                                                                                                                         3.028E-04
2.428E-04
2.012E-04
1.676E-04
                                                                                                                       1.839E-06
1.495E-06
1.228E-06
                                             1.474E-03
                                                               3.631E-06
                                                                                  5.052E-05
                                                                                                     4.672E-05
3.810E-05
                                                                                                                                                            3.010E-05
                                                                                                                                                            2.458E-05
                          2.607E-05
2.136E-05
1.757E-05
                                                               2.957E-06
2.427E-06
                                                                                  4.119E-05
3.377E-05
                                             1.313E-03
1.092E-03
         468
                                                                                                    3.123E-05
2.570E-05
                                                                                                                                                            2.014E-05
         469
                                           8.957E-04
                                                              1.999E-06
1.700E-06
1.453E-06
                                                                                  2.779E-05
2.359E-05
                                                                                                                       1.013E-06
                                                                                                                                                            1.655E-05
         470
                                                                                                                       8.624E-07
7.375E-07
6.242E-07
5.315E-07
                                                                                                     2.181E-05
                                                                                                                                                            1.403E-05
         471
472
                          1.490E-05
1.273E-05
                                            7.403E-04
6.538E-04
                                                                                                                                         1.241E-04
1.036E-04
8.747E-05
                                                                                                                                                            1.199E-05
1.019E-05
8.700E-06
                                                                                                    1.863E-05
1.581E-05
                                                                                  2.015E-05
                                                               1.232E-06
1.050E-06
                                           6.000E-04
5.458E-04
                                                                                  1.710E-05
1.459E-05
                          1.081E-05
                                                                                                     1.349E-05
                          9.232E-06
7.997E-06
                                             4.720E-04
                                                               9.082E-07
                                                                                  1.263E-05
                                                                                                     1.168E-05
                                                                                                                       4.597E-07
                                                                                                                                          7.521E-05
                                                                                                                                                            7.538E-06
6.701E-06
                                                               8.066E-07
7.349E-07
1.787E-06
                                                                                                                       4.081E-07
3.717E-07
                                                                                                                                         6.644E-05
6.037E-05
                                           3.915E-04
3.269E-04
                                                                                  1.122E-05
1.023E-05
                          7.109E-06
                                                                                                     1.038E-05
                                                                                                     9.461E-06
                                                                                                                                                            6.109E-06
          477
                          6.480E-06
                                                                                  2.376E-05
2.698E-05
3.074E-05
          478
                          1.435E-05
                                             3.363E-04
                                                                                                     2.189E-05
                                                                                                                       9.410E-07
                                                                                                                                          2.205E-04
                                                                                                                                                             1.341E-05
                                                                                                     2.487E-05
2.834E-05
                          1.635E-05
                                             3.809E-04
                                                               2.027E-06
2.306E-06
                                                                                                                       1.066E-06
1.210E-06
                                                                                                                                         2.467E-04
2.758E-04
                                                                                                                                                            1.528E-05
1.748E-05
                                             4.569E-04
          480
                          1.869E-05
                          2.161E-05
2.535E-05
                                             5.404E-04
                                                               2.655E-06
                                                                                  3.552E-05
                                                                                                     3.275E-05
                                                                                                                       1.391E-06
                                                                                                                                          3.127E-04
                                                                                                                                                             2.022E-05
          481
                                                                                                                                         3.483E-04
3.971E-04
4.477E-04
                                                               3.080E-06
                                             6.660E-04
                                                                                  4.138E-05
                                                                                                     3.816E-05
                                                                                                                       1.606E-06
                                                                                                                                                            2.374E-05
          482
                                                               3.625E-06
4.340E-06
5.299E-06
6.708E-06
7.570E-06
                                                                                  4.887E-05
5.892E-05
7.248E-05
                                                                                                                       1.884E-06
2.241E-06
                                                                                                                                                             2.818E-05
                                             8.216E-04
1.104E-03
          483
                          3.007E-05
                                                                                                     4.509E-05
                                                                                                     5,440E-05
                          3.653E-05
         484
          485
                          4.528E-05
                                             1.454E-03
                                                                                                     6.695E-05
                                                                                                                       2.719E-06
                                                                                                                                         5.115E-04
5.862E-04
                                                                                                                                                            4.256E-05
5.507E-05
                                                                                                                       3.411E-06
3.766E-06
                                                                                                     8.578E-05
          486
                          5.848E-05
                                             1.841E-03
                                                                                  9.278E-05
                                             2.314E-03
2.145E-03
                                                                                  1.073E-04
                                                                                                     9.937E-05
                                                                                                                                          4.971E-04
                                                                                                                                                             6.537E-05
                          6.914E-05
6.348E-05
         487
          488
                                                               6.894E-06
                                                                                  9.814E-05
                                                                                                     9.094E-05
                                                                                                                       3.416E-06
                                                                                                                                          4.257E-04
                                                                                                                                                             6.006E-05
                                                                                                                       3.212E-06
3.238E-06
                                                                                                                                         4.169E-04
4.715E-04
                                                                                  9.174E-05
9.080E-05
          489
                          5.918E-05
                                             1.851E-03
1.717E-03
                                                               6.464E-06
6.460E-06
                                                                                                     8.498E-05
                                                                                                                                                             5.597E-05
                                                                                                     8.405E-05
                          5.810E-05
          490
                          5.323E-05
                                             1.764E-03
                                                               6.005E-06
                                                                                  8.380E-05
                                                                                                     7.753E-05
                                                                                                                       3.030E-06
                                                                                                                                          4.788E-04
                                                                                                                                                             5.020E-05
          491
                          4.583E-05
3.815E-05
3.033E-05
                                             1.880E-03
1.786E-03
1.567E-03
                                                                                                                       2.625E-06
2.184E-06
1.731E-06
                                                                                  7.235E-05
6.022E-05
                                                                                                     6.692E-05
5.570E-05
                                                                                                                                          4.239E-04
                                                                                                                                                             4.320E-05
          492
                                                               5.191E-06
                                                                                                                                         3.521E-04
2.760E-04
                                                               4.320E-06
                                                                                                                                                             3.596E-05
          493
                                                               3.427E-06
                                                                                  4.783E-05
                                                                                                     4.425E-05
                                                                                                                                                            2.860E-05
                                                                                  3.775E-05
3.078E-05
2.554E-05
                                                                                                                       1.369E-06
1.119E-06
9.306E-07
7.704E-07
                                                                                                                                          2.206E-04
          495
                          2.392E-05
                                             1.273E-03
                                                               2.708E-06
2.212E-06
                                                                                                     3.492E-05
2.847E-05
                                                                                                                                                             2.255E-05
                          1.949E-05
1.616E-05
                                             1.021E-03
                                                                                                                                          1.825E-04
                                                                                                                                                             1.837E-05
          496
         497
                                             8.437E-04
                                                               1.837E-06
                                                                                                     2.362E-05
                                                                                                                                         1.533E-04
                                                                                                                                                             1.523E-05
                                                                                  2.121E-05
1.765E-05
1.506E-05
                                                                                                                                         1.248E-04
                          1.344E-05
                                             7.481E-04
                                                               1.523E-06
                                                                                                     1.961E-05
                                                                                                                                                             1.267E-05
          498
                                                                                                                       6.391E-07
5.446E-07
                                                                                                     1.632E-05
                                                                                                                                                             1,056E-05
                          1.120E-05
9.564E-06
                                                               1.266E-06
1.079E-06
                                                                                                                                         1.019E-04
          499
                                             6.695E-04
5.753E-04
                                                                                                     1.393E-05
                                                                                                                                         8.615E-05
                                                                                                                                                             9.019E-06
          500
                                                                                                                       4.799E-07
4.335E-07
3.984E-07
                                                                                                                                         7.582E-05
6.820E-05
                                                                                                                                                             7.951E-06
7.191E-06
                          8.431E-06
                                             4.711E-04
                                                               9.510E-07
                                                                                  1.327E-05
                                                                                                     1.228E-05
          501
                                                                                  1.200E-05
1.104E-05
                                                               8.595E-07
7.902E-07
7.366E-07
                          7.625E-06
7.018E-06
                                             3.866E-04
3.317E-04
                                                                                                     1.110E-05
          502
                                                                                                                                          6.232E-05
5.809E-05
                                                                                                     1.021E-05
                                                                                                                                                             6.619E-06
         503
                                                                                                                                                             6.171E-06
1.317E-05
                                             2.965E-04
                                                                                  1.029E-05
                                                                                                     9.520E-06
                                                                                                                       3.714E-07
          504
                          6.542E-06
                                                                                                                                          2.138E-04
2.509E-04
                                                                                  2.326E-05
2.713E-05
                                             3.186E-04
3.915E-04
                                                               1.749E-06
2.040E-06
                                                                                                                       9.200E-07
          505
                          1.409E-05
                                                                                                     2.143E-05
                                                                                                     2.500E-05
                                                                                                                       1.074E-06
                          1.640E-05
         506
                                             4.598E-04
5.582E-04
6.717E-04
8.633E-04
                                                                                                                                                             1.791E-05
                                                                                                                                          2.890E-04
3.231E-04
          507
                          1.916E-05
                                                               2.375E-06
                                                                                  3.164E-05
                                                                                                     2.916E-05
                                                                                                                        1.249E-06
                                                                                                                                                             2.077E-05
2.478E-05
                                                                                  3.647E-05
4.347E-05
                                                                                                                       1.431E-06
1.698E-06
         508
                          2.220E-05
                                                               2.731E-06
3.245E-06
                                                                                                     3.362E-05
                                                                                                                                          3.786E-04
                          2.648E-05
3.161E-05
                                                                                                     4,008E-05
         509
                                                               3.825E-06
                                                                                  5.148E-05
                                                                                                     4.749E-05
                                                                                                                       1.991E-06
                                                                                                                                          4.251E-04
                                                                                                                                                             2.962E-05
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **ut Filo: g:\aco\GQ91\GQPACE.DAT Output File: g:\aco\GQ91\GQPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page = 238
                                                                                                                                                                         09:41:42 Page - 238
                                                                                                                                         4.998E-04
5.652E-04
1.958E-03
5.642E-04
                                                               4.730E-06
5.871E-06
1.669E-05
9.287E-06
                                                                                  6.406E-05
                                                                                                     5.912E-05
                                                                                                                                                             3.714E-05
                          3.959E-05
                                             1.123E-03
                                             1.593E-03
2.199E-03
2.529E-03
                                                                                  8.030E-05
2.235E-04
1.324E-04
                                                                                                     7.418E-05
2.060E-04
1.227E-04
                                                                                                                       3.011E-06
8.736E-06
4.597E-06
                                                                                                                                                            4.717E-05
1.272E-04
8.109E-05
                          5.019E-05
                          1.359E-04
8.569E-05
                          8.075E-05
                                             2.234E-03
                                                               8.916E-06
                                                                                  1.258E-04
                                                                                                     1.165E-04
                                                                                                                       4.453E-06
                                                                                                                                          6.208E-04
                                                                                                                                                            7.630E-05
```

```
2.762E-05
2.242E-05
                                                                                                 2.555E-05
2.075E-05
                                                                                                                   8.074E-07
                                                                                                                                      1.248E-04
                                                                                                                                                        1.346E-05
                                           8.545E-04
7.228E-04
                                                             1.603E-06
        523
                        1.427E-05
                                                                                                                   6.741E-07
5.811E-07
                                                                                                                                                        1.126E-05
9.709E-06
                                                             1,339E-06
                                                                               1.874E-05
                                                                                                 1.735E-05
                                                                                                                                      1.034E-04
                        1,193E-05
        524
                                                                                                 1.495E-05
1.338E-05
                                                                                                                                      8.912E-05
                                                             1.155E-06
1.033E-06
                                                                               1.616E-05
1.446E-05
        525
                         1.029E-05
                                           5.826E-04
                                                                                                                    5.200E-07
                                                                                                                                      7.987E-05
                                                                                                                                                        8.685E-06
         526
                         9.206E-06
                                           4.683E-04
                                                                                                                                     7.285E-05
6.760E-05
                                                                                                                                                        7.904E-06
7.274E-06
                        8.377E-06
                                           3.961E-04
                                                             9.405E-07
                                                                               1.316E-05
                                                                                                 1.217E-05
                                                                                                                   4.735E-07
        527
                                                             8.666E-07
8.049E-07
7.526E-07
1.595E-06
                                                                               1.211E-05
                                                                                                 1.121E-05
                                                                                                                   4.365E-07
                         7.710E-06
                                           3.510E-04
        528
                                                                                                                                      6.322E-05
                                          3.190E-04
2.942E-04
2.603E-04
3.439E-04
                                                                                                                                                        6.747E-06
6.302E-06
                                                                               1.124E-05
                                                                                                 1.040E-05
                                                                                                                   4.057E-07
                         7.153E-06
        529
                                                                               1.051E-05
2.121E-05
2.544E-05
                        6,682E-06
                                                                                                 9.721E-06
1.955E-05
                                                                                                                   3.795E-07
8.387E-07
                                                                                                                                      5.943E-05
        530
                                                                                                                                      1.946E-04
                                                                                                                                                        1.201E-05
                         1.285E-05
        531
                                                                                                                                     2.342E-04
2.817E-04
                                                                                                                                                        1.440E-05
1.720E-05
                                                             1.913E-06
                                                                                                 2.345E-05
                                                                                                                   1.007E-06
         532
                         1.540E-05
                                                                                                 2.806E-05
3.332E-05
3.975E-05
                                           4.527E-04
5.627E-04
7.046E-04
                                                             2.289E-06
2.713E-06
3.225E-06
                                                                               3.045E-05
3.615E-05
4.312E-05
                         1.840E-05
                                                                                                                   1.205E-06
        533
                                                                                                                                     3.297E-04
3.790E-04
                                                                                                                   1.426E-06
                                                                                                                                                        2.046E-05
                         2.189E-05
                                                                                                                   1.689E-06
                                                                                                                                                       2.458E-05
3.030E-05
                         2.627E-05
         535
                                                                                                                                      4.538E-04
                                                                               5.297E-05
6.632E-05
2.312E-04
                                                                                                                   2.063E-06
2.546E-06
                         3.236E-05
                                           8.860E-04
                                                             3.950E-06
                                                                                                  4.885E-05
        536
                                                                                                 6.120E-05
2.143E-04
                                                                                                                                      5.275E-04
                                           1.201E-03
3.545E-03
                                                             4.909E-06
1.624E-05
                                                                                                                                                        3.837E-05
                         4.091E-05
         537
                                                                                                                                      1.027E-03
1.059E-03
                                                                                                                                                        1.410E-04
1.269E-04
                                                                                                                   8.059E-06
                        1.491E-04
1.344E-04
         538
                                                                                                                   7.447E-06
6.692E-06
3.722E-06
                                           3.169E-03
                                                             1.489E-05
                                                                               2.098E-04
                                                                                                  1.943E-04
        539
                                                                                                                                                        1.096E-04
                                                                                                                                      1.099E-03
                                                                                                 1.702E-04
9.471E-05
                         1.163E-04
                                           2.900E-03
                                                             1.322E-05
7.348E-06
                                                                               1.840E-04
1.024E-04
         540
                                                                                                                                      6.147E-04
3.717E-04
                                                                                                                                                        6.087E-05
                         6.459E-05
4.422E-05
3.280E-05
                                           2.845E-03
2.407E-03
                                                                                                 6.418E-05
4.766E-05
3.556E-05
2.774E-05
2.244E-05
                                                                               6.935E-05
5.150E-05
                                                                                                                   2.482E-06
1.849E-06
                                                                                                                                                        4.174E-05
3.095E-05
                                                             4.941E-06
        542
                                                             3.676E-06
2.743E-06
2.136E-06
1.728E-06
1.459E-06
                                                                                                                                      2.818E-04
                                           1.845E-03
         543
                                                                               3.843E-05
2.997E-05
2.425E-05
2.045E-05
                                          1.420E-03
1.155E-03
9.505E-04
7.496E-04
                                                                                                                    1.379E-06
                                                                                                                                      2.096E-04
                                                                                                                                                        2.311E-05
                        2.449E-05
1.912E-05
                                                                                                                   1.073E-06
8.680E-07
                                                                                                                                                        1.805E-05
                                                                                                                                      1.606E-04
        545
                        1.547E-05
1.304E-05
1.140E-05
1.019E-05
9.250E-06
                                                                                                                                      1.298E-04
                                                                                                                                                        1.460E-05
         546
                                                                                                                                      1.110E-04
9.786E-05
                                                                                                                                                        1.230E-05
                                                                                                  1.892E-05
                                                                                                                   7.336E-07
         547
                                                             1.459E-06
1.277E-06
1.144E-06
1.040E-06
9.554E-07
8.847E-07
7.711E-07
1.411E-06
                                                                                                                                                        1.075E-05
                                                                                                                   6.425E-07
5.760E-07
5.238E-07
                                                                               1.788E-05
1.600E-05
                                                                                                 1.655E-05
1.481E-05
                                           5.866E-04
         548
                                                                                                                                      8.856E-05
                                                                                                                                                        9.617E-06
                                           4.864E-04
4.263E-04
                                                                                                                                      8.112E-05
7.495E-05
                                                                               1.453E-05
                                                                                                  1.345E-05
                                                                                                                                                        8.727E-06
         550
                                                                                                                    4.815E-07
                                                                                                                                                        8.010E-06
                                                                                                  1.235E-05
                         8.492E-06
                                           3.848E-04
                                                                               1.334E-05
         551
                                                                                                 1.235E-05
1.143E-05
1.063E-05
9.938E-06
1.726E-05
                                                                                                                                                        7.409E-06
6.890E-06
                                                                               1.235E-05
                                                                                                                    4.461E-07
                                                                                                                                      6.984E-05
                         7.855E-06
7.305E-06
                                           3.524E-04
3.250E-04
                                                                                                                                      6.563E-05
6.217E-05
                                                                               1.149E-05
1.074E-05
                                                                                                                   4.158E-07
3.895E-07
         553
                         6.822E-06
                                           3.015E-04
2.821E-04
                                                                               1.874E-05
                                                                                                                    7.458E-07
                                                                                                                                      1.795E-04
                                                                                                                                                        1.049E-05
         555
                        1.123E-05
1.346E-05
                                                                                                                                      2.080E-04
2.509E-04
                                                                                                 2.057E-05
2.513E-05
3.011E-05
                                                                               2.232E-05
2.727E-05
                                                                                                                                                        1.258E-05
1.542E-05
                                           3.051E-04
                                                             1.678E-06
                                                                                                                    8.843E-07
         556
                                                             2.049E-06
2.453E-06
                                                                                                                    1.078E-06
                         1.649E-05
                                           3.790E-04
5.203E-04
                                                                                                                    1.289E-06
                                                                                                                                      2.974E-04
                                                                                                                                                        1.851E-05
                                                                               3.267E-05
                         1.980E-05
2.430E-05
         558
                                           6.965E-04
                                                             3.005E-06
                                                                                4.007E-05
                                                                                                  3.693E-05
                                                                                                                    1.578E-06
                                                                                                                                      3.624E-04
                                                                                                                                                        2.272E-05
         559
                                                                                                                                                        2.882E-05
5.305E-05
                                                                                                                   1.972E-06
3.463E-06
                                                                                                                                      4.385E-04
                                                             3.770E-06
6.709E-06
1.109E-05
                                                                               5.048E-05
9.111E-05
                                                                                                 4.654E-05
8.411E-05
                         3.079E-05
                                           9.250E-04
         560
                                                                                                                                      6.896E-04
                                          1.832E-03
2.910E-03
                         5.652E-05
9.632E-05
                                                                                                                                                        9.067E-05
                                                                               1.531E-04
                                                                                                  1.415E-04
                                                                                                                    5.649E-06
                                                                                                                                      9.889E-04
         562
   DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
put File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                     11/07/95
                                                                                                                                                                     09:41:42
                                                                                                                                                                                      Page -
                                                                                4.393E-04
                                                                                                  4.069E-04
                                                                                                                                      2.053E-03
                                                                                                                                                        2.657E-04
                                                             3.082E-05
                         2.810E-04
3.246E-04
                                           4.715E-03
                                                                                                 4.856E-04
4.856E-04
4.276E-04
9.421E-05
5.983E-05
4.172E-05
3.112E-05
                                                                               5.262E-04
4.638E-04
1.018E-04
                                           4.422E-03
                                                             3.880E-05
                                                                                                                   2.009E-05
1.812E-05
                                                                                                                                      4.108E-03
4.058E-03
                                                                                                                                                        3.045E-04
2.640E-04
        564
         565
                         2.822E-04
                                           4.121E-03
                                                             3.462E-05
7.272E-06
                                                                                                                                      5.824E-04
3.517E-04
2.400E-04
                                           3.173E-03
2.340E-03
                                                                                                                    3.671E-06
                                                                                                                                                        6.075E-05
        566
567
                         6.443E-05
4.116E-05
                                                                                                                                                        3.884E-05
2.715E-05
                                                                                                                   2.317E-06
1.612E-06
                                                             4.609E-06
                                                                                6.465E-05
                                           1.729E-03
1.337E-03
1.016E-03
7.708E-04
                                                             3.210E-06
2.393E-06
1.939E-06
                                                                                4.508E-05
         568
                         2.876E-05
                                                                                3.362E-05
                                                                                                                    1.200E-06
                                                                                                                                      1.762E-04
                                                                                                                                                        2.029E-05
                         2.149E-05
1.738E-05
         569
                                                                                                 2.518E-05
2.147E-05
1.889E-05
                                                                                                                   9.733E-07
8.312E-07
                                                                                                                                      1.446E-04
1.247E-04
                                                                                                                                                        1.640E-05
                                                                                2.721E-05
         570
                                                                                                                                                        1.397E-05
                                                             1.654E-06
1.457E-06
1.299E-06
         571
                         1.480E-05
                                                                               2.319E-05
                                                                                                                                                        1.229E-05
                                                                                2.041E-05
                                                                                                                    7.322E-07
                                                                                                                                      1.105E-04
                                           6.231E-04
5.376E-04
         572
                         1.302E-05
                         1.161E-05
                                                                                1.820E-05
                                                                                                  1.684E-05
                                                                                                                    6.533E-07
                                                                                                                                      9.881E-05
                                                                                                                                                        1.096E-05
         573
                                                                                                                                      9.037E-05
8.323E-05
                                                                                                                                                        9.885E-06
                                                                                                                   5.911E-07
5.376E-07
                         1.048E-05
                                           4.790E-04
                                                              1.175E-06
                                                                               1.644E-05
1.491E-05
                                                                                                  1.521E-05
1.380E-05
         574
                                                             1.067E-06
9.694E-07
8.791E-07
7.970E-07
7.238E-07
                                                                                                                                                        8.958E-06
         575
                         9.495E-06
                                           4.330E-04
                                                                                                                                      7.647E-05
6.997E-05
6.397E-05
                                           3.976E-04
3.719E-04
                                                                                                                                                        8.120E-06
7.351E-06
                                                                                1.353E-05
                                                                                                  1.252E-05
                                                                                                                    4.887E-07
         576
577
                         8.608E-06
7.794E-06
7.056E-06
                                                                                                                   4.435E-07
4.024E-07
                                                                                1.226E-05
                                                                                                  1.134E-05
                                                                                                  1.028E-05
9.325E-06
                                                                                                                                                        6.654E-06
                                                                                1.111E-05
                                           3.546E-04
3.424E-04
         578
                         6.399E-06
9.356E-06
                                                                                1.008E-05
                                                                                                                    3.657E-07
                                                                                                                                      5.863E-05
                                                                                                                                                        6.033E-06
         579
                                                                                                  1.442E-05
1.705E-05
2.014E-05
                                                                                                                   6.259E-07
7.417E-07
                                                                                                                                      1.530E-04
1.838E-04
                                                                                                                                                        8.730E-06
                                           3.441E-04
                                                              1.182E-06
                                                                                1.566E-05
         580
                                                                                                                                                        1.027E-05
                                                                               1.852E-05
2.187E-05
                                           3.926E-04
4.205E-04
                                                             1.398E-06
1.648E-06
                         1.101E-05
         581
                                                                                                                                      2.136E-04
2.492E-04
                                                                                                                                                        1.217E-05
1.499E-05
                                                                                                                    8.731E-07
         582
                         1.305E-05
                                                             2.003E-06
2.584E-06
3.380E-06
                                                                                                 2.456E-05
3.176E-05
4.158E-05
                                                                                                                    1.056E-06
                         1.605E-05
                                            4.691E-04
                                                                                2.665E-05
         583
                                                                                                                                      3.129E-04
4.040E-04
                                                                                                                    1.358E-06
                                                                                                                                                        1.952E-05
                                            6.176E-04
                         2.087E-05
                                                                               3.446E-05
4.511E-05
         584
                                                                                                                                                        2.562E-05
5.161E-05
                         2.739E-05
5.503E-05
9.727E-05
                                                                                                                    1.773E-06
         585
                                           8.846E-04
                                                                                                                                      7.110E-04
1.030E-03
                                                                                                  8.242E-05
1.432E-04
                                                                                                                    3.426E-06
5.748E-06
                                           1.944E-03
                                                              6.605E-06
                                                                                8.932E-05
         586
                                                                                                                                                        9.152E-05
                                                             1.126E-05
                                                                               1.550E-04
4.430E-04
         587
                                           3.334E-03
                                                                                                  4.089E-04
                                                                                                                    1.694E-05
                                                                                                                                      3.525E-03
                                                                                                                                                        2.550E-04
                                                              3.266E-05
                                           5.665E-03
3.127E-03
         588
                         2.720E-04
                                                                                                                                                        6.110E-05
                         6.493E-05
                                                              7.507E-06
                                                                                1.046E-04
                                                                                                  9.666E-05
                                                                                                                    3.830E-06
                                                                                                                                      6.842E-04
         589
                                                                                                                   1.868E-06
1.409E-06
                                                                                                                                      2.639E-04
2.031E-04
                                                                                                                                                        3.191E-05
                                                                                5.269E-05
3.959E-05
                                                                                                  4.879E-05
3.665E-05
                         3.378E-05
                                           2.110E-03
                                                              3.737E-06
         590
                                                                                                                                                        2.394E-05
         591
                                                              2.814E-06
                         2.535E-05
                                           1.496E-03
                                                                                                  2.974E-05
2.502E-05
                         2.056E-05
                                           1.085E-03
                                                              2.285E-06
                                                                                3.213E-05
                                                                                                                    1.145E-06
                                                                                                                                      1.666E-04
                                                                                                                                                        1,941E-05
         592
                                                                                                                                      1.424E-04
                                                                                                                                                         1.631E-05
                                                                                                                   9.660E-07
8.305E-07
         593
                         1.728E-05
                                           8.444E-04
                                                              1.926E-06
                                                                               2.703E-05
2.316E-05
                                                                                                  2.143E-05
                                                                                                                                      1.248E-04
                                                                                                                                                         1.395E-05
                                           7.141E-04
6.278E-04
                                                              1.653E-06
                         1,478E-05
         594
                                                              1.431E-06
                                                                                2.002E-05
                                                                                                  1.853E-05
                                                                                                                    7.200E-07
                                                                                                                                      1.100E-04
                                                                                                                                                        1.204E-05
                         1.276E-05
         595
                                                                                                                                      9.683E-05
8.542E-05
                                                                                                                                                         1.044E-05
                                                                                1.738E-05
1.516E-05
                                                                                                  1.608E-05
1.403E-05
         596
                         1.107E-05
                                            5.681E-04
                                                              1.243E-06
                                                                                                                    6.262E-07
                                                                                                                    5.473E-07
                                                                                                                                                         9.098E-06
                         9.646E-06
8.478E-06
                                                              1.086E-06
         597
                                            5.270E-04
                                            4.964E-04
                                                              9.557E-07
                                                                                1.333E-05
                                                                                                  1.234E-05
                                                                                                                    4.820E-07
4.277E-07
                                                                                                                                      7.583E-05
                                                                                                                                                         7.996E-06
         598
                                                                                                                                      6.752E-05
                                                                                                                                                         7.087E-06
                                                                                                  1.094E-05
                                            4.693E-04
                                                              8.476E-07
                                                                                1.182E-05
                                                                                                                                       6.082E-05
                                                                                                  9.816E-06
                                                              7.609E-07
6.871E-07
                                                                                1.061E-05
                                                                                                                    3.840E-07
                                                                                                                                                         6.358E-06
                         6.742E-06
                                            4.406E-04
         600
                                                                                9.583E-06
8.759E-06
1.321E-05
                         6.090E-06
                                            4.089E-04
                                                                                                  8.866E-06
                                                                                                                    3.467E-07
                                                                                                                                       5.480E-05
5.005E-05
                                                                                                                                                         5.743E-06
         601
                                                                                                                                                         5.249E-06
                                           3.755E-04
1.962E-04
                                                              6.279E-07
9.908E-07
                                                                                                                    3.168E-07
         602
                         5.566E-06
                                                                                                  8.104E-06
                                                                                                  1.217E-05
                                                                                                                    5.204E-07
                                                                                                                                       1.195E-04
                                                                                                                                                         7.490E-06
         603
                         8.010E-06
                         9.325E-06
                                            2.831E-04
                                                              1.155E-06
                                                                                1.539E-05
                                                                                                  1.419E-05
                                                                                                                    6.072E-07
                                                                                                                                       1.402E-04
                                                                                                                                                         8.717E-06
         604
                                                                                                                                       1.718E-04
                                                                                                                                                         1.053E-05
                                                                                1.864E-05
2.278E-05
                                                                                                  1.718E-05
2.098E-05
                                                                                                                    7.370E-07
         605
                         1.127E-05
                                            4.055E-04
                                                              1.401E-06
                                                                                                                    9.021E-07
                                                                                                                                       2.123E-04
                                                                                                                                                         1.283E-05
                                           5.447E-04
6.747E-04
                                                              1.712E-06
         606
                         1.373E-05
                                                              2.141E-06
                                                                                2.844E-05
                                                                                                  2.620E-05
                                                                                                                    1.131E-06
                                                                                                                                       2.716E-04
                                                                                                                                                         1 593E-05
                         1.706E-05
         607
                                                                                                                                                         2.088E-05
                         2.237E-05
                                            8.511E-04
                                                              2.807E-06
                                                                                3.725E-05
                                                                                                  3-431E-05
                                                                                                                    1.483E-06
                                                                                                                                      3-561E-04
```

1.123E-04 9.161E-05 7.364E-05

5.637E-05

4.345E-05 3.457E-05

1.039E-04 8.475E-05

6.813E-05

5 216E-05

4.020E-05

3.198E-05

4.047E-06 3.310E-06

2.657E-06

2 030E-06

1.568E-06

1.252E-06 9.977E-07

2.172E-03 2.293E-03 2.219E-03

1.913E-03

1.513E-03 1.188E-03

9.832E-04

7.141E-05

5.814E-05

4.677E-05 3.583E-05

2.760E-05 2.193E-05

516 517

518

519

520

521

522

8.031E-06 6.560E-06 5.269E-06

4.030E-06

3 109E-06

2.479E-06

1.978E-06

6.287E-04 5.233E-04 4.170E-04

3.156E-04

2.457E-04

1.998E-04

1.570E-04

6.737E-05 5.483E-05 4.411E-05 3.380E-05

2.603E-05

2.060E-05

1.655E-05

```
3.023E-05
7.899E-05
                                                                                                                                     4.807E-04
                                           1.225E-03
4.413E-03
2.595E-03
                                                            3.996E-06
9.294E-06
                                                                               5.333E-05
1.316E-04
                                                                                                 4,916E-05
                                                                                                                  2.098E-06
        609
                                                                                                                                     6.757E-04
3.439E-04
                                                                                                 1.218E-04
6.302E-05
                                                                                                                  4.656E-06
2.416E-06
                         8.365E-05
         610
                                                                                                                                                       4.118E-05
                                                                               6.806E-05
4.712E-05
                         4.360E-05
                                                             4.830E-06
        611
                                                             3.354E-06
2.582E-06
                                                                                                 4.362E-05
                                                                                                                   1.682E-06
                                                                                                                                     2.458E-04
                                                                                                                                                       2.847E-05
                                           1.712E-03
1.261E-03
        612
                         3.015E-05
                                                                                                                                                       2.181E-05
                                                                                                                                     1.940E-04
                                                                                                 3.349E-05
                                                                                                                  1.297E-06
1.036E-06
                         2.311E-05
                                                                               2.883E-05
                                                                                                 2.668E-05
                                           1.049E-03
                                                             2.060E-06
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                    11/07/95 09:41:42
                                                                                                                                                                                   Page -
                                                                                                                                                                                                240
Input File: g:\ace\GQ91\GQPACE.DAT
                                                            1.682E-06
1.414E-06
1.213E-06
1.065E-06
                                                                               2.353E-05
                                                                                                                   8.460E-07
                                                                                                 2.177E-05
1.831E-05
                         1.500E-05
                                                                               1.978E-05
1.698E-05
                                                                                                                   7.115E-07
                                                                                                                                     1.088E-04
                                                                                                                                                      1.190E-05
                         1.261E-05
                                           8.251E-04
         616
                                                                                                                                                       1.022E-05
                                                                                                 1.571E-05
1.379E-05
1.231E-05
                                                                                                                   6.104E-07
5.355E-07
4.780E-07
                                           7.428E-04
6.637E-04
                                                                                                                                     9.303E-05
8.144E-05
                         1.083E-05
         617
                                                                                                                                                       8.967E-06
                                                                               1.490E-05
1.331E-05
                         9.502E-06
         618
                                                                                                                                                       8.007E-06
7.249E-06
                                                                                                                                     7.262E-05
                                                             9.504E-07
8.605E-07
                         8.485E-06
                                           5.843E-04
5.085E-04
         619
                                                                                                                                     6.577E-05
6.028E-05
                                                                               1.205E-05
                                                                                                 1.115E-05
                                                                                                                   4.328E-07
                         7.681E-06
7.029E-06
         620
                                                                                                                   3.961E-07
                                                                                                                                                       6.633E-06
                                                                               1.102E-05
1.016E-05
9.445E-06
                                                                                                 1.020E-05
9.400E-06
                                           4.402E-04
                                                             7.875E-07
7.257E-07
         621
                                                                                                                                     5.559E-05
5.190E-05
                                                                                                                                                       6.111E-06
5.680E-06
                                                                                                                   3.650E-07
                                           3.809E-04
         622
                                           3.304E-04
2.881E-04
                                                                                                 8.740E-06
8.369E-06
                                                                                                                   3.396E-07
3.267E-07
                                                             6.749E-07
                         6.019E-06
5.750E-06
                                                                               9.045E-06
                                                                                                                                     5.126E-05
                                                                                                                                                       5.423E-06
                                                             6.478E-07
         624
                                                                               1.184E-05
1.312E-05
                                                                                                                   4.692E-07
5.191E-07
5.808E-07
                                                                                                                                                       6.642E-06
7.364E-06
8.288E-06
                                                                                                 1.091E-05
                                                                                                                                     1.115E-04
                          7.111E-06
                                           1.618E-04
                                                             8.893E-07
         625
                                                                                                                                     1.228E-04
                                                                                                 1.209E-05
                                           1.836E-04
2.199E-04
                                                             9.845E-07
                         7.883E-06
                                                                                                 1.357E-05
1.587E-05
                                                                                                                                     1.358E-04
                                                             1.103E-06
                                                                               1.473E-05
1.722E-05
                         8.869E-06
                                           2.199E-04
2.913E-04
4.443E-04
7.153E-04
1.153E-03
2.024E-03
                                                                                                                   6.765E-07
                                                                                                                                     1.555E-04
                                                                                                                                                       9.734E-06
                                                             1.288E-06
                         1.041E-05
         628
                                                                               2.143E-05
2.880E-05
4.165E-05
6.880E-05
                                                                                                                                                       1.215E-05
                                                                                                                                     1.912E-04
2.561E-04
3.688E-04
                                                                                                                   8.406E-07
1.130E-06
                                                                                                 1.975E-05
                         1.300E-05
1.751E-05
2.534E-05
4.188E-05
                                                             1.602E-06
         629
                                                                                                                                                       1.638E-05
                                                                                                 2.655E-05
3.839E-05
                                                             2.156E-06
3.117E-06
5.144E-06
         630
                                                                                                                                                       2.371E-05
3.919E-05
                                                                                                                   1.634E-06
         631
                                                                                                                                     6.055E-04
                                                                                                 6.343E-05
7.934E-05
                                                                                                                   2.694E-06
3.002E-06
         632
                                                                                                                                     3.940E-04
                                                                                                                                                        5.218E-05
                                                             6.037E-06
3.746E-06
2.779E-06
                                                                               8.565E-05
5.288E-05
                                           3.544E-03
                          5.518E-05
         633
                                           2.323E-03
1.766E-03
                                                                                                  4.896E-05
                                                                                                                   1.871E-06
                                                                                                                                     2.597E-04
                                                                                                                                                       3.208E-05
                          3.395E-05
         634
                                                                                                                                                       2.367E-05
                                                                                                                                     1.992E-04
                                                                                                 3.622E-05
2.851E-05
                                                                                                                   1.391E-06
1.100E-06
                                                                                3.912E-05
         635
                         2.506E-05
1.969E-05
                                                                                                                                     1.616E-04
                                                                                                                                                       1.859E-05
                                                             2.193E-06
                                                                               3.080E-05
2.529E-05
                                           1.391E-03
         636
                                                                                                                                                       1.525E-05
1.296E-05
                                           1.109E-03
8.872E-04
                                                                                                 2.340E-05
                                                                                                                   9.057E-07
                                                                                                                                     1.352E-04
                          1.615E-05
                                                             1.804E-06
1.536E-06
         637
                                                                                                 1.991E-05
1.725E-05
1.513E-05
                                                                                2.152E-05
                                                                                                                   7.717E-07
                                                                                                                                     1.160E-04
                         1.374E-05
1.189E-05
         638
                                                                                                                   6.696E-07
5.885E-07
                                                                                                                                      1.016E-04
                                                                                                                                                       1.122E-05
9.832E-06
                                           7.137E-04
                                                             1.332E-06
                                                                                1.864E-05
         639
                                           5.828E-04
4.854E-04
4.135E-04
3.609E-04
3.221E-04
                                                                                1.635E-05
                                                                                                                                     9.028E-05
         640
                          1.042E-05
                                                             1.169E-06
                                                             1.169E-06
1.040E-06
9.361E-07
8.492E-07
7.764E-07
7.137E-07
                                                                                                                                                       8.726E-06
                                                                                1.452E-05
1.307E-05
1.184E-05
                                                                                                 1.344E-05
1.209E-05
                                                                                                                   5.237E-07
4.719E-07
                                                                                                                                     8.112E-05
7.379E-05
                         9.250E-06
8.314E-06
7.531E-06
                                                                                                                                                       7.842E-06
         642
                                                                                                                                                       7.103E-06
6.485E-06
                                                                                                                                     6.750E-05
6.219E-05
                                                                                                  1.096E-05
                                                                                                                    4.284E-07
                                                                                                                   3.919E-07
3.604E-07
                                                                                1.082E-05
                                                                                                  1.001E-05
                          6.877E-06
                                                                                                 9.198E-06
8.528E-06
                                                                                                                                      5.748E-05
                                                                                                                                                        5.955E-06
                          6.316E-06
5.853E-06
                                                                               9.943E-06
9.219E-06
                                           2.927E-04
         645
                                                             6.622E-07
6.156E-07
                                                                                                                                     5.370E-05
5.009E-05
                                                                                                                                                       5.518E-06
5.126E-06
                                                                                                                   3.346E-07
                                           2.696E-04
2.507E-04
1.986E-04
                                                                                                                   3.111E-07
3.836E-07
                          5.437E-06
5.845E-06
                                                                                8.568E-06
9.722E-06
                                                                                                 7.925E-06
8.959E-06
         647
                                                                                                                                      9.008E-05
                                                                                                                                                        5.462E-06
                                                             7.282E-07
         648
                                                                                                                                                       6.122E-06
6.968E-06
                                           2.311E-04
2.730E-04
                                                             8.132E-07
9.211E-07
                                                                                1.088E-05
                                                                                                  1.003E-05
                                                                                                                   4.278E-07
                                                                                                                                     9.945E-05
1.109E-04
                          6.550E-06
                                                                                                                   4.837E-07
                                                                                1.236E-05
                                                                                                 1.139E-05
1.321E-05
                          7.452E-06
         650
                                                                                                                   5.586E-07
                                                                                                                                      1.260E-04
                                                                                                                                                        8.112E-06
                                                             1.066E-06
1.287E-06
                                                                                1.433E-05
1.732E-05
                          8.671E-06
                                           3.288E-04
         651
                                                                                                                                                       9.847E-06
                                                                                                                                     1.494E-04
1.824E-04
                                                                                                  1.597E-05
                                                                                                                    6.731E-07
                          1.052E-05
                                           4.061E-04
5.215E-04
                                                                                                                                                       1.229E-05
                                                                                                                   8.345E-07
1.110E-06
                                                                                                  1.984E-05
2.641E-05
                                                              1.599E-06
                                                                                2.151E-05
                          1.313E-05
         653
                                                                                                                                      2.397E-04
                                                                                                                                                        1.644E-05
2.521E-05
                                           7.308E-04
                                                             2.130E-06
3.236E-06
                                                                                2.863E 05
4.364E-05
                                                                                                                                     3.521E-04
1.019E-03
                                                                                                  4.027E-05
                                                                                                                   1.681E-06
                                           1.319E-03
                          2.690E-05
                                                                                                                                                       1.070E-04
                         1.134E-04
7.350E-05
                                                                                                                   6.453E-06
4.015E-06
                                           1.851E-02
                                                              1.279E-05
                                                                                1.788E-04
                                                                                                  1.654E-04
         656
                                                                                                                                                        6.949E-05
4.137E-05
2.739E-05
                                                                                1.142E-04
6.795E-05
                                                                                                                                      5.371E-04
                                                                                                  1.058E-04
                                                             8.064E-06
4.796E-06
         657
                                           5.488E-03
                                                                                                                                     3.171E-04
2.214E-04
                          4.376E-05
                                                                                                  6.294E-05
                                                                                                                   2.387E-06
                                           3.161E-03
2.080E-03
                          2.899E-05
                                                              3.198E-06
                                                                                4.514E-05
3.329E-05
                                                                                                  4.180E-05
                                                                                                                   1.597E-06
          659
                                                                                                  3.082E-05
                                                                                                                    1.188E-06
                                                                                                                                      1.736E-04
                                                                                                                                                        2.011E-05
                          2.130E-05
                                            1.494E-03
                                                              2.370E-06
          660
                                                                                                                                                        1.581E-05
                                                                                                                    9.430E-07
7.798E-07
                                                                                                                                      1.427E-04
1.202E-04
                                                                                2.626E-05
                                                                                                  2.431E-05
                                                              1.876E-06
                                            1.159E-03
                          1.676E-05
          661
                                                                                                                                                        1.301E-05
                                            9.510E-04
8.061E-04
                                                              1.549E-06
                                                                                2.164E-05
                                                                                                  2.003E-05
                          1.379E-05
          662
                                                                                                  1.709E-05
                                                                                                                                      1.046E-04
                                                                                                                                                        1.109E-05
                                                                                                                    6.676E-07
                                                             1.324E-06
1.227E-06
                                                                                1.848E-05
1.702E-05
          663
                                                                                                                    6.224E-07
                                                                                                  1.574E-05
                                                                                                                                      1.043E-04
                                                                                                                                                        1.013E-05
8.716E-06
                                            6.985E-04
                          1.075E-05
                                                                                                                                      8.785E-05
7.320E-05
                                                                                                  1.351E-05
1.164E-05
                                                                                                                    5.328E-07
                          9.249E-06
7.987E-06
                                                              1.052E-06
                                                                                1.461E-05
                                            6.132E-04
          665
                                                                                                                    4.565E-07
                                                                                                                                                        7.531E-06
                                            5.444E-04
                                                              9 036E-07
                                                                                1.258E-05
         666
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 **Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 241
                                                                                                                    4.114E-07
3.737E-07
3.422E-07
                                                                                                                                    6.630E-05
6.070E-05
                                                                                                                                                        6.776E-06
                                                             8.139E-07
7.387E-07
                                                                                                  1.048E-05
                                                                                1.133E-05
                                            4.881E-04
                          7.187E-06
                                                                                                  9.500E-06
8.687E-06
                                                                                1.027E-05
9.393E-06
8.665E-06
                                                                                                                                                        6.140E-06
                                            4.414E-04
                          6.513E-06
         668
                                                                                                                                      5.600E-05
                                                                                                                                                        5.610E-06
                                            4.022E-04
                          5.952E-06
                                                              6.760E-07
          669
                                                              6.241E-07
5.800E-07
                                                                                                  8.014E-06
7.444E-06
6.948E-06
                                                                                                                                                        5.172E-06
                                            3.688E-04
3.399E-04
                                                                                                                    3.160E-07
                                                                                                                                      5.203E-05
                          5.488E-06
5.096E-06
4.754E-06
          670
                                                                                                                                      4.861E-05
                                                                                                                                                        4.802E-06
                                                                                                                   2.938E-07
2.745E-07
                                                                                8.049E-06
          671
                                                                                                                                      4.562E-05
                                                                                                                                                        4.480E-06
                                            3.146E-04
                                                              5.416E-07
                                                                                7.513E-06
          672
                                                                                                                    3.385E-07
3.782E-07
4.286E-07
                                                              6.450E-07
7.207E-07
                                                                                                                                     7.730E-05
8.623E-05
                                                                                                                                                        4.886E-06
5.463E-06
                                                                                8.641E-06
                                                                                                  7.965E-06
                                           1.484E-04
1.709E-04
                          5.225E-06
                                                                                                  8.917E-06
1.016E-05
                                                                                9.672E-06
          674
675
                          5.841E-06
                                                                                                                                      9.647E-05
                                                                                                                                                        6.231E-06
                          6.660E-06
7.840E-06
                                                                                1.102E-05
                                            2.028E-04
                                                              8.183E-07
                                                              9.545E-07
1.143E-06
                                                                                1.289E-05
                                                                                                                                                        7.342E-06
                                                                                                  1.189E-05
                                                                                                                    4.981E-07
                                                                                                                                      1.087E-04
                                            2.461E-04
3.027E-04
                                                                                                                                     1.270E-04
1.658E-04
                          9.445E-06
1.193E-05
                                                                                                                    5.946E-07
7.583E-07
                                                                                                                                                        8.851E-06
                                                                                                  1.423E-05
1.798E-05
                                                                                1.543E-05
          677
                                                                                                                                                        1.117E-05
1.504E-05
                                                              1.453E-06
1.951E-06
2.638E-06
                                                                                1.950E-05
2.625E-05
                                            3.775E-04
          678
                                                                                                   2.421E-05
                                                                                                                    1.017E-06
                                                                                                                                      2.204E-04
2.867E-04
                          1.606E-05
2.193E-05
                                            5.268E-04
8.758E-04
                                                                                                                                                        2.056E-05
                                                                                3.561E-05
                                                                                                  3.286E-05
                                                                                                                    1.369E-06
2.594E-06
          680
                                                                                                                                      5.245E-04
                                                                                                                                                        3.950E-05
                          4.209E-05
                                                                                                  6.271E-05
                                            1.778E-03
                                                              5.016E-06
                                                                                6.794E-05
          681
                                                                                                                    5.059E-06
5.296E-06
4.783E-06
                                                                                                                                                        7.307E-05
7.684E-05
                                                                                                  1.181E-04
                                                                                                                                      1.153E-03
                                            9.863E-03
1.671E-02
1.758E-02
                                                              9.641E-06
1.011E-05
9.337E-06
                                                                                 1.281E-04
                          7.813E-05
                                                                                                                                     1.196E-03
8.872E-04
                                                                                1.346E-04
                                                                                                  1.241E-04
                          8.214E-05
8.004E-05
          683
                                                                                                                                                        7.525E-05
                                                                                                  1.182E-04
                                                                                 1.280E-04
          684
                                                                                                                    2.957E-06
2.069E-06
                                                                                                                                                        4.999E-05
3.522E-05
                                                                                                  7.663E-05
                                                                                                                                      4.340E-04
                                                                                 8,279E-05
                                            3.654E-03
                          5.295E-05
                                                              5.896E-06
                                            2.190E-03
1.546E-03
                                                                                                                                     2.957E-04
2.143E-04
                                                              4.134E-06
                                                                                 5.820E-05
                                                                                                   5.388E-05
                          3.729E-05
2.686E-05
          686
687
                                                                                                                    1.492E-06
                                                                                                                                                        2.537E-05
                                                              2.980E-06
                                                                                 4.194E-05
                                                                                                   3.882E-05
                                                                                                                    1.118E-06
8.785E-07
                                                              2.233E-06
1.751E-06
                                                                                                   2.907E-05
                                                                                                                                      1.616E-04
                                                                                                                                                        1.898E-05
                                                                                3.140E-05
                          2.010E-05
                                            1.156E-03
                                                                                                                                                        1.484E-05
1.232E-05
                                                                                 2.458E-05
                                                                                                   2.276E-05
                                                                                                                                      1.294E-04
1.098E-04
                          1.572E-05
1.306E-05
1.111E-05
                                            9.175E-04
7.627E-04
          689
                                                               1.459E-06
                                                                                 2.045E-05
                                                                                                   1.892E-05
                                                                                                                    7.328E-07
          690
                                                                                1.742E-05
1.509E-05
                                                                                                  1.612E-05
                                                                                                                                      9.475E-05
                                                                                                                                                        1.049E-05
                                            6.560E-04
5.773E-04
5.157E-04
                                                              1.244E-06
1.079E-06
                                                                                                                                                        9.076E-06
                                                                                                   1.396E-05
                                                                                                                     5.428E-07
                                                                                                                                      8,303E-05
          692
                          9.618E-06
                                                                                                                                      7.464E-05
                                                                                                                                                         8.077E-06
                          8.562E-06
                                                               9.615E-07
                                                                                 1.344E-05
                                                                                                   1.244E-05
                                                                                                                     4.842E-07
          693
                                                                                                                     4.318E-07
                                                                                                                                      6.709E-05
                                                                                                                                                         7.188E-06
                                            4.650E-04
4.221E-04
3.857E-04
                                                                                 1.197E-05
1.072E-05
9.730E-06
                                                                                                  1.108E-05
          694
                          7.619E-06
                                                               8.569E-07
                                                              7.683E-07
6.976E-07
                                                                                                                                      6.062E-05
5.548E-05
                                                                                                                                                        6.435E-06
5.834E-06
                                                                                                   9.922E-06
                                                                                                                     3.873E-07
                          6.822E-06
6.186E-06
5.640E-06
          695
                                                                                                                    3.519E-07
3.215E-07
                                                                                                   9.002E-06
          696
                                                                                                                                      5.106E-05
                                                                                                                                                        5.319E-06
                                                                                                   8 213E-06
                                            3.544E-04
                                                               6.369E-07
                                                                                 8.878E-06
```

```
2.949E-07
                                                                                                                                           4.731E-05
                                                              5.837E-07
5.377E-07
5.520E-07
                                                                                  8.128E-06
                                                                                                     7.518E-06
                                             3.271E-04
         698
                          5.159E-06
                                             3.031E-04
2.823E-04
                                                                                                     6.916E-06
7.044E-06
7.988E-06
                                                                                                                                           4.421E-05
4.973E-05
7.475E-05
                                                                                   7.477E-06
                                                                                                                        2.720E-07
2.814E-07
                                                                                                                                                              4.468E-06
4.503E-06
         699
                          4.740E-06
                                                                                  7.621E-06
                          4.784E-06
         700
                                                                                                                                                              4.940E-06
5.677E-06
                                             1.383E-04
1.530E-04
                                                               6.455E-07
7.396E-07
                                                                                   8.663E-06
                          5.278E-06
          701
                                                                                                                                           8 481E-05
                                                                                   9.930E-06
                                                                                                     9.157E-06
                                                                                                                        3.862E-07
         702
703
                          6.063E-06
7.096E-06
                                                                                                                        4,561E-07
5.306E-07
                                                                                                                                           1.023E-04
                                                                                                                                                              6.640E
                                                                                                                                                                         06
                                             1.686E-04
                                                               8.711E-07
1.011E-06
                                                                                  1.16/E-05
1.359E-05
                                                                                                     1.076E-05
1.253E-05
                                                                                                                                           1.209E-04
1.380E-04
                                                                                                                                                              7.668E-06
8.911E-06
                                             1.995E-04
2.606E-04
                          8.199E-06
9.524E-06
         704
                                                                                                                        6.131E-07
7.180E-07
                                                                                                     1.451E-05
1.700E-05
2.027E-05
                                                                1.170E-06
                                                                                   1.573E-05
         705
                                             3.754E-04
5.581E-04
8.176E-04
                                                               1.372E-06
1.626E-06
                                                                                  1.843E-05
2.197E-05
                                                                                                                                           1.600E-04
                                                                                                                                                              1.048E-05
                          1.120E-05
         706
                                                                                                                                           1.792E-04
2.457E-04
                          1.347E-05
1.952E-05
3.487E-05
                                                                                                                        8.454E-07
                                                                                                                                                              1.262E-05
                                                                                                     2.915E-05
5.232E-05
7.970E-05
                                                                                                                                                              1.831E-05
                                                                                                                        1.206E-06
2.197E-06
                                                               2.331E-06
                                                                                   3.158E-05
         708
                                                                                                                                                              3.268E-05
                                                                                                                                            4.699E-04
                                                               4.221E-06
6.472E-06
                                             1.431E-03
                                                                                   5.672E-05
         709
                                                                                                                                                              4.947E-05
5.673E-05
                                                                                   8.644E-05
                                                                                                                        3.385E-06
                                                                                                                                           7.529E-04
                                             3.843E-03
6.466E-03
7.317E-03
                          5.285E-05
                                                                                                                        3.796E-06
3.551E-06
2.501E-06
                          6.052E-05
5.892E-05
                                                                7.303E-06
                                                                                   9.833E-05
                                                                                                      9.072E-05
                                                                                                                                            8.028E-04
         711
                                                                                                     8.737E-05
                                                                                                                                            6.749E-04
                                                                                                                                                              5.537E-05
                                                               6.914E-06
4.934E-06
                                                                                  9.459E-05
6.842E-05
          712
                                                                                                      6.327E-05
                                                                                                                                            4.166E-04
                          4.329E-05
3.274E-05
2.484E-05
                                             3.124E-03
                                                                                                                                                              3.088E-05
                                                               3.683E-06
2.786E-06
2.203E-06
                                                                                                     4.758E-05
3.606E-05
2.867E-05
                                                                                                                                            2.886E-04
                                             1.940E-03
                                                                                   5.143E-05
                                                                                                                         1.856E-06
          714
                                                                                  3.897E-05
3.097E-05
2.402E-05
                                                                                                                        1.402E-06
1.105E-06
8.573E-07
                                                                                                                                            2.145E-04
                                                                                                                                                              2.344E-05
                                             1.340E-03
1.055E-03
          715
                                                                                                                                           1.615E-04
1.256E-04
                                                                                                                                                              1.870E-05
1.450E-05
                          1.980E-05
1.536E-05
                                             8.636E-04
                                                                1.710E-06
                                                                                                     2.223E-05
         717
                                                                                                     1.823E-05
                                                                                                                         7.067E-07
                                                                                                                                            1.066E-04
                                                                                                                                                              1.186E-05
                                                                                  1.970E-05
                          1.257E-05
                                             7.182E-04
                                                                1.406E-06
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                           11/07/95 09:41:42
                                                                                                                                                                                            Page - 242
                                                                                                                        5.917E-07
5.166E-07
4.608E-07
                                                                                                                                           9.035E-05
                                                                                   1.645E-05
                                                                                                     1.523E-05
1.325E-05
                                                                                  1.432E-05
1.274E-05
                                                                                                                                                             8.598E-06
7.639E-06
                                                                                                                                            8.028E-05
                                             4.886E-04
4.138E-04
3.571E-04
                          9.115E-06
8.100E-06
                                                               1.025E-06
9.133E-07
          720
                                                                                                                                           7.262E-05
                                                                                                     1.178E-05
         721
                                                                                   1.139E-05
                                                                                                                        4.127E-07
3.749E-07
                                                                                                                                                              6.825E-06
                                                                                                                                            6.561E-05
                                                                                                     1.054E-05
9.567E-06
                          7.238E-06
                                                                8.175E-07
          72.2
                                             3.151E-04
2.840E-04
2.606E-04
2.425E-04
2.277E-04
2.153E-04
                                                                                                                                            5.975E-05
                                                                                                                                                              6.194E-06
                                                               7.423E-07
6.844E-07
                                                                                   1.034E-05
          723
                           6.569E-06
                                                                                                                                            5.519E-05
5.078E-05
                                                                                                                                                              5.709E-06
5.276E-06
                                                                                   9.533E-06
                                                                                                      8.819E-06
                                                                                                                         3.456E-07
                          6.054E-06
5.595E-06
5.191E-06
          724
                                                                                                                        3.191E-07
2.959E-07
2.735E-07
2.530E-07
                                                                6.321E-07
                                                                                                      8.148E-06
7.559E-06
6.992E-06
                                                                                   8.808E-06
          725
                                                                                                                                                              4.895E-06
                                                                                   8.171E-06
7.558E-06
                                                                                                                                            4.696E-05
                                                                5.861E-07
5.420E-07
          726
                                                                                                                                           4.323E-05
3.996E-05
                                                                                                                                                             4.530E-06
4.191E-06
                          4.803E-06
4.444E-06
5.938E-06
          727
                                                                5.014E-07
7.353E-07
8.081E-07
                                                                                   6.993E-06
                                                                                                      6.470E-06
9.065E-06
          728
                                             1.061E-04
1.384E-04
1.882E-04
                                                                                   9.835E-06
                                                                                                                         3.864E-07
                                                                                                                                            8.909E-05
                                                                                                                                                             5.552E-06
                                                                                                                                           9.756E-05
1.059E-04
                                                                                                                                                             6.108E-06
6.647E-06
                          6.533E-06
7.109E-06
7.807E-06
8.364E-06
                                                                                   1.082E-05
                                                                                                      9.975E-06
                                                                                                                         4.245E-07
          730
                                                                                  1.178E-05
1.295E-05
1.388E-05
1.582E-05
                                                                                                                         4,616E-07
                                                                                                      1.086E-05
                                                                8.790E-07
9.674E-07
          731
                                                                                                                        5.084E-07
5.396E-07
                                                                                                      1.194E-05
                                                                                                                                            1.175E-04
1.222E-04
                                                                                                                                                              7.298E-06
7.825E-06
                                             2.463E-04
3.145E-04
                                                                1.030E-06
                                                                                                      1.280E-05
          733
                                                                                                                        6.110E-07
7.490E-07
                                            3.898E-04
4.774E-04
6.480E-04
1.196E-03
                                                                                                                                                              9.029E-06
                                                                                                      1.459E-05
                                                                                                                                            1.326E-04
                                                                1.172E-06
1.443E-06
2.287E-06
                           9.640E-06
                                                                                                                                                              1.126E-05
1.769E-05
2.854E-05
                                                                                                                                            1.564E-04
2.555E-04
                          1.200E-05
1.888E-05
                                                                                    1.955E-05
                                                                                                      1.804E-05
          735
                                                                                                                        1.191E-06
1.920E-06
                                                                                  3.076E-05
4.959E-05
                                                                                                     2.837E-05
4.574E-05
          736
                                                                                                                                            4.108E-04
                                                               3.688E-06
4.995E-06
5.456E-06
          737
                          3.046E-05
                                             2.560E-03
3.841E-03
                                                                                                                        2.606E-06
2.825E-06
2.823E-06
                                                                                                                                            5.670E-04
5.780E-04
5.628E-04
                                                                                                                                                              3.845E-05
4.281E-05
                                                                                   6.699E-05
                                                                                                      6.178E-05
                          4.106E-05
4.564E-05
          738
                                                                                   7.384E-05
7.423E-05
                                                                                                      6.815E-05
          739
                                                                                                      6.853E-05
                                            4.231E-03
2.491E-03
                                                                5.467E-06
4.246E-06
                                                                                                                                                              4.322E-05
                          4.604E-05
                          3.676E 05
3.423E-05
                                                                                    5.855E-05
                                                                                                      5.411E-05
                                                                                                                         2.166E-06
                                                                                                                                            3.845E-04
                                                                                                                                                              3.460E-05
          741
                                                                                                                                            3.895E-04
                                                                                                                                                              3.217E-05
                                             1.823E-03
                                                               4.011E-06
                                                                                    5.509E-05
                                                                                                      5.089E-05
                                                                                                                         2.059E-06
          742
                                                                                                                                                              2.322E-05
1.738E-05
                                                                2.829E-06
2.074E-06
1.721E-06
                                                                                                                         1.439E-06
1.045E-06
                                                                                                                                            2.478E-04
                          2.466E-05
                                             1.317E-03
                                                                                   3.914E-05
                                                                                                      3.619E-05
2.678E-05
          743
                                                                                   2.895E-05
                                                                                                                                            1.631E-04
                          1.842E-05
1.533E-05
                                             9.738E-04
7.438E-04
          744
                                                                                                                        8.662E-07
6.983E-07
5.856E-07
5.063E-07
4.419E-07
                                                                                                                                                             1.446E-05
                                                                                                                                            1.332E-04
1.029E-04
                                                                                   2.406E-05
                                                                                                      2.226E-05
          745
                                                                                                                                                              1.179E-05
                          1.249E-05
                                             6.206E-04
                                                                1.392E-06
                                                                                   1.955E-05
                                                                                                      1.809E-05
          746
                                                                1.167E-06
1.006E-06
                                                                                                      1.518E-05
                                                                                                                                            8.627E-05
7.730E-05
6.986E-05
                                                                                                                                                               9.892E-06
                          1.048E-05
8.975E-06
                                                                                    1.640E-05
                                             5.529E-04
5.065E-04
          747
                                                                                                      1.303E-05
                                                                                                                                                              8.469E-06
                                                                                    1.408E-05
          748
                                                                                                                                                              7.319E-06
                                                                                                      1.130E-05
                           7.761E-06
                                             4.525E-04
                                                                8.756E-07
                                                                                   1.221E-05
                                                                7.814E-07
7.096E-07
                                                                                   1.088E-05
9.877E-06
                                                                                                                         3.947E-07
3.587E-07
3.277E-07
                                                                                                                                            6.307E-05
5.774E-05
5.336E-05
                                             3.961E-04
3.473E-04
3.066E-04
                                                                                                      1.007E-05
                                                                                                                                                               6.517E-06
                          6.911E-06
          750
                          6.268E-06
5.708E-06
                                                                                                                                                               5.909E-06
                                                                                                      9.136E-06
8.327E-06
          7.51
                                                                                                                                                               5.381E-06
                                                                6.477E-07
5.987E-07
                                                                                   9.003E-06
                                            2.713E-04
2.407E-04
2.154E-04
1.940E-04
1.508E-04
                                                                                   8.313E-06
                                                                                                      7.688E-06
                                                                                                                         3.032E-07
                                                                                                                                            4.986E-05
                                                                                                                                                               4.963E-06
          753
                           5.266E-06
                                                                5.638E-07
5.714E-07
5.042E-07
7.386E-07
                                                                                   7.822E-06
7.898E-06
7.001E-06
                                                                                                                         2.857E-07
2.909E-07
2.554E-07
                                                                                                      7.234E-06
7.301E-06
                                                                                                                                            4.740E-05
5.069E-05
                                                                                                                                                              4.665E-06
                           4.951E-06
          754
                                                                                                                                                               4.676E-06
                          4.967E-06
4.433E-06
5.950E-06
          755
                                                                                                      6.474E-06
9.083E-06
                                                                                                                                            4.211E-05
                                                                                                                                                               4.177E-06
          756
                                                                                                                                            9.023E-05
                                                                                                                                                              5.562E-06
                                                                                    9.856E-06
                                                                                                                         3.885E-07
          757
                                                                                                                         4.141E-07
4.177E-07
                                                                                                                                            9.627E-05
9.704E-05
                                                                                                                                                               5.925E-06
                                                                7.871E-07
7.941E-07
8.252E-07
                                                                                   1.050E-05
1.064E-05
                                                                                                      9.681E-06
9.807E-06
                           6.339E-06
          758
                                                                                                                                                               5.980E-06
                                            2.052E-04
2.407E-04
2.788E-04
                           6.397E-06
                                                                                                      1.021E-05
                                                                                                                         4.330E-07
4.764E-07
5.493E-07
                          6.687E-06
7.424E-06
                                                                                                                                            9.880E-05
1.065E-04
                                                                                    1.108E-05
                                                                                                                                                               6.254E-06
          760
                                                                                                                                                               6.947E-06
                                                                9.103E-07
                                                                                    1.226E-05
                                                                                                      1.131E-05
          761
                                                                                                                                            1.176E-04
1.718E-04
2.440E-04
                                                                                                                                                               8.168E-06
                                                                                                      1.319E-05
                                                                                    1.430E-05
                           8.717E-06
                                             3.209E-04
3.662E-04
                                                                1.055E-06
1.544E-06
          762
                                                                                    2.080E-05
                                                                                                      1.919E-05
                                                                                                                         8.034E-07
                                                                                                                                                               1.195E-05
          763
                           1.275E-05
                                                                                                                                                               1.674E-05
                                                                                                                         1.130E-06
1.690E-06
                           1.787E-05
                                              5.777E-04
                                                                2.169E-06
                                                                                    2.923E-05
                                                                                                      2.696E-05
          764
                                                                                   4.360E-05
5.564E-05
                                                                                                      4.022E-05
                                                                                                                                            3.635E-04
                                                                                                                                                               2.507E-05
                                                                3.244E-06
                           2.676E-05
                                             1.018E-03
                                                                                                      5.132E-05
                                                                                                                         2.159E-06
                                                                                                                                            4.671E-04
                                                                                                                                                               3.195E-05
                                                                4.143E-06
                                             1.871E-03
          766
                           3.411E-05
                                             2.487E-03
2.785E-03
                                                                                   5.900E-05
5.881E-05
5.564E-05
                                                                                                      5.446E-05
5.429E-05
5.139E-05
                                                                                                                                            4.567E-04
4.403E-04
                                                                                                                                                               3.423E-05
                           3.649E-05
                                                                4.352E-06
                                                                                                                         2.251E-06
          767
                                                                                                                                                               3.430E-05
3.260E-05
                                                                4.326E-06
4.065E-06
                                                                                                                         2.231E-06
                           3.653E-05
          768
                                                                                                                         2.087E-06
                                                                                                                                            3.945E-04
                          3.469E-05
3.238E-05
                                             2.417E-03
          769
                                             1.993E-03
                                                                3.788E-06
                                                                                    5.197E-05
                                                                                                      4.801E-05
                                                                                                                         1.943E-06
                                                                                                                                            3.649E-04
                                                                                                                                                               3.044E-05
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 243
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                            3.922E-04
2.174E-04
1.716E-04
                                                                                   5.151E-05
3.397E-05
2.765E-05
2.324E-05
1.962E-05
                                                                                                      4.755E-05
3.140E-05
                                                                                                                                                               2.978E-05
                                                                3.775E-06
2.460E-06
                                             1.544E-03
1.242E-03
                           3.173E-05
                                                                                                                         1.951E-06
1.252E-06
1.014E-06
8.435E-07
7.079E-07
                           2.140E-05
1.747E-05
                                                                                                                                                               2.015E-05
          772
773
                                                                                                                                                               1.646E-05
                                                                                                      2.557E-05
                                                                1.998E-06
                                              9.747E-04
                                                                                                                                            1.353E-04
                                                                                                                                                               1.391E-05
                                                                1.669E-06
1.405E-06
                                                                                                      2.150E-05
                           1.475E-05
                                             7.709E-04
                                                                                                                                            1.102E-04
9.276E-05
7.748E-05
                                                                                                                                                               1.178E-05
9.942E-06
8.478E-06
                                             6.224E-04
5.030E-04
                                                                                                      1.815E-05
                           1.249E-05
          775
                                                                                                      1.532E-05
                                                                                                                         5.972E-07
5.069E-07
                           1.054E-05
                                                                1.185E-06
                                                                                    1.656E-05
          776
                                                                                                      1.305E-05
                                             4.137E-04
3.714E-04
                                                                1.007E-06
8.785E-07
                                                                                    1 410E-05
                           8.985E-06
                                                                                                                                            6.631E-05
6.006E-05
                                                                                                                                                               7.417E-06
6.502E-06
                                                                                    1.232E-05
                                                                                                       1.140E-05
                                                                                                                          4.414E-07
          778
                           7.858E-06
                                                                                   1.082E-05
9.654E-06
8.794E-06
                                                                                                      1.002E-05
8.931E-06
                                                                                                                         3.897E-07
                           6.891E-06
                                              3.584E-04
                                                                7.739E-07
          779
                                                                                                                                                               5.780E-06
                                                                                                                          3.498E-07
                                                                                                                                            5.575E-05
                                                                6.927E-07
6.327E-07
          780
                           6.130E-06
                                             3.427E-04
3.162E-04
                           5.572E-06
                                                                                                       8.133E-06
                                                                                                                          3.202E-07
                                                                                                                                            5.236E-05
4.850E-05
                                                                                                                                                               5.252E-06
          781
                                                                                                                                                               4.794E-06
4.458E-06
                                                                                    8.037E-06
                           5.088E-06
                                              2.866E-04
                                                                 5.790E-07
                                                                                                      7.432E-06
6.926E-06
                                                                                                                         2.933E 07
2.743E-07
          782
                                                                                                                                            4.619E-05
                                             2.601E-04
2.386E-04
2.177E-04
                                                                5.406E-07
5.869E-07
                           4.733E-06
                                                                                    7.490E-06
          783
                                                                                                                                                               4.720E-06
3.872E-06
                                                                                    8.063E-06
                                                                                                       7.449E-06
                                                                                                                          3.009E-07
                                                                                                                                            5.635E-05
          784
785
                          5.020E-06
4.110E-06
                                                                                                                         2.386E-07
                                                                                                                                            4.038E-05
                                                                4.700E-07
                                                                                    6.507E-06
                                                                                                       6.016E-06
```

8.393E-06

9.109E-06

5.481E-06

1.456E-04

6.829E-07

8.454E-05

3.598E-07

5.121E-06

6.793E-07 6.731E-07 7.541E-07 8.396E-07 3.569E-07 8.220E-05 5.131E-06 5.488E-06 9.101E-06 8.389E-06 1.690E-04 1.923E-04 2.112E-04 8.311E-06 9.318E-06 8.127E-05 9.054E-05 5.087E-06 5.710E-06 3.535E-07 3.958E-07 9.016E-06 5.441E-06 6.106E-06 788 1.011E-05 789 1.136E-05 1.048E-05 4.383E-07 9.602E-05 6.451E-06 2.351E-04 2.536E-04 3.602E-04 790 6.890E-06 1.126E-06 1.526E-06 2.086E-06 2.949E-06 1.270E-04 1.791E-04 8.684E 06 9 271E-06 1 244E-05 1.516E-05 1.398E-05 1.887E-05 5.869E-07 7.992E-07 791 792 2.047E-05 1.609E-05 2.267E-05 2.808E-05 2.590E-05 1.087E-06 2.354E-04 5.456E-04 9.347E-04 1.717E-05 2.421E-05 793 3.360E-04 3.955E-05 4.702E-05 3.648E-05 1.539E-06 794 2.421E-05 2.883E-05 3.008E-05 2.969E-05 2.859E-05 4.337E-05 1.821E-06 2.701E-05 795 1.460E-03 1.834E-03 3.496E-06 3.589E-06 2,822E-05 2,788E-05 2,685E-05 4.866E-05 4.491E-05 1.857E-06 3.773E-04 796 797 1.810E-06 1.733E-06 3.551E-04 4.779E-05 4.594E-05 4.412E-05 4.242E-05 2.019E-03 3.512E-06 3,351E-04 1.832E-03 3.368E-06 3.186E-06 2.827E-06 4.367E-05 3.879E-05 3.222E-05 1.590E-03 1.271E-03 4.034E-05 1.634E-06 3.068E-04 2.560E-05 2.278E-05 2.723E-05 2.423E-05 799 2.688E-04 2.178E-04 3.584E-05 2.977E-05 1.448E-06 1.199E-06 800 1.899E-05 1.568E-05 2.344E-06 1.928E-06 2.019E-05 1.077E-03 801 2.452E-05 2.063E-05 1.791E-05 1.531E-05 1.316E-05 1.667E-05 1.408E-05 9.197E-04 7.567E-04 2.653E-05 9.840E-07 1.759E-04 802 8.208E-07 7.080E-07 1.410E-04 1.326E-05 1.614E-06 1.397E-06 2.231E-05 1.937E-05 803 1.179E-04 9.496E-05 1.155E-05 9.915E-06 8.537E-06 1.225E-05 1.051E-05 9.051E-06 6.201E-04 804 1.187E-06 1.019E-06 5.990E-07 5.134E-07 5.241E-04 1.655E-05 805 1.423E-05 1.230E-05 8.010E-05 806 4.508E-04 7.370E-06 6.580E-06 5.839E-06 8.815E-07 7.857E-07 4.447E-07 7.021E-05 3.806E-04 7.815E-06 807 1.097E-05 1.015E-05 3.961E-07 3.501E-07 6.203E-05 6.976E-06 3.089E-04 808 5.405E-05 6 189E-06 5 538E-06 2.661E-04 2.568E-04 6.953E-07 9.724E-06 8.710E-06 8.997E-06 8.059E-06 809 5.224E-06 4.779E-06 4.399E-06 3.143E-07 4.911E-05 6.235E-07 2.592E-04 2.542E-04 2.392E-04 4.629E-05 4.393E-05 5.731E-07 7.987E-06 7.388E-06 2.895E-07 5.069E-06 811 2.683E-07 2.486E-07 5.301E-07 4.900E-07 7.368E-06 6.793E-06 6.815E-06 6.281E-06 4.667E-06 812 4.167E-05 4.046E-06 4.294E-06 3.948E-06 3 718E-06 2.202E-04 4.521E-07 6.254E-06 5.783E-06 2.297E-07 3.917E-05

RECEPTOR # 69 HAS HIGHEST CHRONIC HAZARD INDEX OF 2.873E-02

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 244

*** CHRONIC HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 69 ***

POLLUTANT	ORAL DOSE (mg/kg-d)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN
ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH Se TOL XYLEN Zn	0.000E+00 0.000E+00 1.000E-03 0.000E+03 1.000E-03 5.000E-03 0.000E+00 0.000E+00 0.000E+00 3.000E-04 0.000E+00 4.000E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.000E+00 2.000E-02 5.000E-01 7.100E+01 4.800E-03 3.500E+00 2.000E-03 2.400E+00 1.500E+00 4.000E-01 3.000E-01 2.400E-01 1.400E-01 5.000E-01 2.000E+02 3.500E+02	0.000E+00 0.000E+00 1.504E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.504E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.035E-06 2.378E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.504E-04 0.000E+00 1.100E 03 1.035E-06 2.378E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.504E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	1.597E-04	2.873E-02	1.829E-05	2.571E-04	2.378E-04	9.290E-06	1.586E-03	1.504E-04

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 245

*** CHRONIC HAZARD INDEX BY SOURCE FOR PEAK RECEPTOR # 69 ***

POLLUTANT ACETA ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 9.000E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00

			CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN
SOURCE #			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
SOURCE #			0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	jt 4		0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
SOURCE #)	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	<i>i</i> } 7		0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
RCE #		} 	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0,000E+00	0.000E+00	0.000E+00
URCE #	# 10		0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
SOURCE #			0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE #	# 13		0.000E+00 0.000E+00							
SUUKLE #	7F 1.4		0.0005+00	0,000100	0.0000.00	0.0001.00	0,0002.00			

```
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
SOURCE #
              15
16
17
                           0 000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                           0.000E+00
0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0 000E+00
                                           0.000E+00
                           0.000E+00
   RCE #
              18
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
    CE #
              19
                                           0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
CE #
SOURCE #
SOURCE #
                           0.000E+00
              20
                                           0.000E+00
                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
              21
22
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
              23
                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
              24
SOURCE #
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
                                                           0.000E+00
                                           0.000E+00
0.000E+00
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
              26
27
                           0 000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                           0.000E+00
                                           0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
               28
                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
SOURCE #
              29
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              30
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
               31
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
SOURCE #
              32
33
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                           0.000E+00
                                           0.000E+00
SOURCE #
SOURCE #
                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                           0.000E+00
                                                                                           0.000E+00
                           0.000E+00
0.000E+00
              35
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
              36
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                           0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0 000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
              38
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 246
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
               40
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
               41
                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0 000E+00
                                                                                                                                           0.000E+00
               42
                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                            0.000E+00
SOURCE #
               43
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               45
                            0.000E+00
0.000E+00
SOURCE #
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
SOURCE #
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
SOURCE #
SOURCE #
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               48
                                                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
               49
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
               50
                            0.000E+00
                                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
                                                            0.000E+00
               51
52
                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               53
54
55
56
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                           0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
SOURCE #
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                            0.000E+00
                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
RCE #
               57
                            0.000E+00
                                                                                                                                           0.000E+00
               58
                                            0.000E100
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0,000E100
                            U.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
               59
                            0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E100
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
0.000E+00
               60
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                           0.000E+00
               61
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
               62
                            0.000E+00
                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               63
64
SOURCE #
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                            0 000E+00
SOURCE #
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
               65
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               66
67
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                            0=000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                            0 000E+00
                                                                                            0 000E+00
                                                                                                           0 000E+00
                  SUM =
                            0.000E+00
                                            0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E-02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT ACROL
                                                                                                                                  RESP
                                                                                                                                                  SKIN
                                                                                                                REPRO
                                                                                  KIDN
                                                                                                 LIVER
                                                                 IMMUN
                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
SOURCE #
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
SOURCE #
                2
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
 SOURCE #
                5
                            0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
SOURCE #
                                                                                                                                           0.000E+00
SOURCE #
                6
7
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0 000E+00
                                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
                8
                            0.000E+00
                                                                                                                           0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
               10
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                            0.000E+00
SOURCE #
SOURCE #
                            0.000E+00
0.000E+00
                                            0.000E+00
               11
                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0 000E+00
               12
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 247
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                             Output File: g:\ace\GQ91\GQPACE.OUT
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                            0.000E+00
                                            0.000E+00
SOURCE #
                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                             0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
               16
17
                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                            0.000E+00
               18
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                            0.000E+00
 SOURCE #
               19
                            0.000E+00
                                            0.000E+00
                                                             0.000E+00
                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                            0.000E+00
   RCE #
               20
21
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                            0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
JRCE #
SOURCE #
SOURCE #
                                                                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                            0.000E+00
               22
                            0.000E+00
                                            0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
               23
24
25
                                                             0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
 SOURCE #
```

```
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                        0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0,000E+00
            28
29
                        0.000E+00
                                      0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
SOURCE
SOURCE #
                        0.000E+00
                                                                   0.000E+00
                                                                                               0.000E+00
                                                                                                             0 000E+00
                                                                                                                            0 000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                                   0 000E+00
                                                                                 0 000E+00
                                                                                               0.000E+00
             30
                        0.000E+00
                                       0.000E+00
                                                     0 000E+00
  TRCE
                                       0.000E+00
                                                     D.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
   RCE #
            31
32
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.0006+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.0008+00
                                                                                                                            U.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                                                                 0.000E+00
                                                                                               0.000E+00
                                      0.000E+00
0.000E+00
                                                                   0.000E+00
             33
                        0,000E+00
                                                     D. 000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                     0.000E+00
                        0.000E+00
             34
SOURCE #
             35
                        0 000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0 000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                      0.000E+00
0.000E+00
                                                                                 0 000E+00
             36
                        0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                        0.000E+00
             37
             38
                        0.000E+00
                                       0,000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
SOURCE #
SOURCE #
             39
                        0.000E+00
                                      0.000E+00
0.000E+00
                                                     0.000E+00
                                                                   0 000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                        0,000E+00
             40
SOURCE #
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                            0.000E+00
             41
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
SOURCE #
             42
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                      0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                     0,000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                                            0.000E+00
                        0.000E+00
SOURCE #
             43
                        0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             44
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                        0.000E+00
                        0.000E+00
                                       0.000E+00
                                                     0.0002+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0,000E+00
                                                                                                                            0,000E+00
             46
47
                                                                                 0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                               0.000£+00
                                                                                                              0.000E+00
SOURCE #
                                                                                                              0.00CE+00
                                                                                               0.000E+00
                        0.000E+00
                                       0.000E+00
0.000E+00
                                                     0 000E+00
                                                                   0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+0D
                                                                   0,000E+00
SOURCE #
             49
50
                        0.000E+00
                         0.000E+00
                                       0.000E+00
                                                     0,000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                                               0.000E+00
                                                                                                              0,000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                       0.000E+00
0.000E+00
                                                     0.000E+00
SOURCE #
                        0.000E+00
                        0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
SOURCE #
             52
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                       0.000E+00
0.000E+00
                                                     0.000E+00
SOURCE #
             54
                        0.000E+00
                                                                   0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                        0.000E+00
             55
                                                                   0.000E+00
0.000E+00
             56
                         0.000E+00
                                       0,000E+00
                                                     0.000E+00
                                                                                 0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                                  0.000E+00
                                                                                               0,000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             57
58
                        0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
                                                     D.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                                               0.000E+00
0.000E+00
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             60
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                        0,000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
SOURCE #
             61
62
                         0.000E+00
                                       0.000E+00
                                                     0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E + 00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                               0,000E+00
                                                                                                                            0.000E+00
                                                                                                              0.000E+00
SOURCE #
                                       0.000E+00
             63
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E+00
             64
                         0,000E+00
                                                                                                              0.000E+00
                                                                                                                            D.000E+00
                                                                                               0.000E+00
                        0.000E+00
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                 0.000E+00
                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 248
                                                    ALL RECEPTORS, 1991 MET,
                                                                                 PM10
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT -
                                                      Output File: g:\ace\GQ91\GQPACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
SOURCE #
                                       0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0 000E+00
                                                                                  0,000E+00
                                                                                                              0.000E+00
SOURCE #
             67
                        0.000E+00
                                       0.000E+00
0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                               0.000E+00
                                                                                                                            0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                     0.000E+00
SOURCE #
             68
                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                            0.000E(00
                                                                   0.000E100
                                                                                               0.0000100
               5UM =
                        0.000E+00
                                       0.000E+00
                                                     0.000E100
                                                                                  0.0000100
                          ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 5.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 1.000E-03
     POLLUTANT As
                                                                                      LIVER
                                                                                                    REPRO
                                                                                                                    RESP
                                                                         KIDN
                                                                                                                                  SKIN
                                              CNS
                                                         TMMIIN
                                       5.023E-08
                                                                                                              5.023E-08
9.188E-08
2.537E-07
SOURCE #
                         5.023E-08
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                                            5.023E-08
              1234
SOURCE #
SOURCE #
                                                                                               0.000E+00
                                                                                                                            9.188E-08
2,537E-07
                        9,188E-08
2,537E-07
                                       9.188E-08
2.537E-07
                                                     0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                   0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                       4,362E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              4.362E-07
                                                                                                                            4 362E-07
                                                                                                              9.277E-07
                                                                                               0.000E+00
                                                                                                                            9.277E-07
SOURCE #
                         9.277E-07
                                       9.277E-07
9.743E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
SOURCE #
              6
                         9.743E-07
                                       1,294E-06
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.294E-06
                                                                                                                            1.294E-06
                         1.294E-06
                                       8.270E-08
1.766E-06
1.911E-06
                                                                                                              8,270E-08
                                                                                                                            8.270E-08
              89
                         8.270E-08
                                                     0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0,000E+00
SOURCE #
                                                                                 0.000E+00
                                                                                                                            1.766E-06
                        1.766E-06
                                                                   0.000E+00
                                                                                                0.000E+00
                                                                                                              1.766E-06
SOURCE #
                                                                   0.000E+00
                                                     0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.911E-06
                                                                                                                            1.911E-06
                         1.911E-06
SOURCE #
             10
                         1.892E-07
                                                                                                              1.892E-07
9.445E-06
                                                                                                                            1.892E-07
9.445E-06
                                       1.892E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
             11
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
SOURCE #
                        9.445E-06
4.370E-06
                                       9.445E-06
4.370E-06
                                                     0.000E+00
             12
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              4.370E-06
                                                                                                                            4.370E-06
             13
SOURCE #
                         5.357E-07
                                       5.357E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                               0.000E+00
                                                                                                              5.357E-07
9.516E-07
                                                                                                                            5.357E-07
9.516E-07
             14
                                       9.516E-07
6.323E-06
2.984E-06
                         9.516E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                        6.323E-06
2.984E-06
                                                     0.000E+00
                                                                                                0.000E+00
                                                                                                              6.323E-06
                                                                                                                            6.323E-06
                                                                    0.000E+00
                                                                                  0.000E+00
SOURCE #
             16
                                                                                                                            2.984E-06
5.489E-07
             ĩĩ
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              2.984E-06
                                                                                                              5.489E-07
1.115E-07
2.027E-07
5.594E-07
SOURCE #
SOURCE #
SOURCE #
                                                                                               0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                  0.000E+00
             18
                         5.489E-07
                                       5.489E-07
                                                                   0.000E+00
                                       1.115E-07
2.027E-07
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                                            1.115E-07
                         1.115E-07
             19
                                                                   0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                            2.027E-07
5.594E-07
             20
                         2.027E-07
                                                     0.000E+00
                                                                                  0.000E+00
                        5.594E-07
9.457E-07
                                                                                  0.000E+00
             21
                                       5.594E-07
                                                     0.000E+00
                                       9.457E-07
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              9.457E-07
                                                                                                                            9.457E-07
SOURCE #
             22
23
                                                                                               0.000E+00
0.000E+00
                                                                                                              1.967E-06
1.873E-06
                                                                                                                            1.967E-06
1.873E-06
                                       1.967E-06
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                  0.000E+00
SOURCE #
             24
                         1.873E-06
                                       1.873E-06
2.302E-06
                                                     0.000E+00
                                                                   0.000E+00
                         2.302E-06
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              2.302E-06
                                                                                                                            2.302E-06
                                                     0.000E+00
SOURCE #
             25
                         1.834E-07
                                       1.834E-07
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.834E-07
                                                                                                                            1.834E-07
3.920E-06
SOURCE #
             26
                                                                                                              3 920E-06
SOURCE #
             27
                         3.920E-06
                                       3.920E-06
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0 000E+00
                                                                                                0.000E+00
                                                                    0.000E+00
                                                                                                0.000E+00
                                                                                                              4.060E-06
                                                                                                                            4.060E-06
                                                     0.000E+00
                                                                                  0.000E+00
                                       4.060E-06
4.114E-07
SOURCE #
             28
                         4.060E-06
                                                                                                                            4.114E-07
             29
                         4.114E-07
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              4.114E-07
                                       4.996E-07
9.137E-07
2.522E-06
                                                                                                0.000E+00
0.000E+00
                                                                                                                            4.996E-07
9.137E-07
                         4.996E-07
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                              4.996E-07
SOURCE #
                                                     0.000E+00
                                                                    0.000E+00
                                                                                                              9 137E-07
                                                                                  0.000E+00
             31
32
                        9.137E-07
2.522E-06
SOURCE #
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              2.522E-06
                                                                                                                            2.522E-06
SOURCE #
                                                                                                              4 335E-06
             33
                         4.335E-06
                                       4.335E-06
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                                            4.335E-06
                                       9.221E-06
9.689E-06
                                                                                                0.000E+00
                                                                                                              9.221E-06
                                                                                                                             9,221E
SOURCE #
                                                                    0.000E+00
                                                                                  0.000E+00
                                                     0.000E+00
             34
                         9 221E-06
                                                     0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              9.689E-06
                                                                                                                            9.689E-06
SOURCE #
                         9.689E-06
                         1.287E-05
                                       1.287E-05
                                                     0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.287E-05
                                                                                                                            1.287E-05
  'IRCE #
                                                                    0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              8.224E-07
                                                                                                                            8,224E-07
                         8 224E-07
                                       8.224E-07
   RCE #
             37
                                       1.756E-05
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.756E-05
                                                                                                                            1.756E-05
             38
                         1.756E-05
                                                     0.000E+00
  JRCE #
                                                                                                                            1,900E-05
                         1.900E-05
                                       1.900E-05
SOURCE
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.900E-05
                                                     0.000E+00
                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                0.000E+00
                                                                                                              1.882E-06
                                                                                                                            1 882E-06
SOURCE #
             40
                         1.882E-06
                                       1 882E-06
                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
```

0.000E+00

53

SOURCE #

```
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
             55
56
57
                          0.000E+00
                                        0 =000E+00
                                                        0.000E+00
                                                                       0.000E+00
SOURCE #
                                                                                                                    0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                         0.000E+00
                                                        0.000E+00
                          0.000E+00
SOURCE #
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
SOURCE #
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0 000E+00
                                         0.000E+00
                                                        0.000E+00
             58
59
   RCE #
                          0.000E+00
                                                                                                     0.000E100
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                         U.000E+00
                                                        0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                          0.000E+00
   RCE #
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
             60
                          0.000E+00
   RCE
                                                                                      0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                    0.000E+00
                          0.000E+00
SOURCE #
             61
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
             62
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
                                                                                      0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                          0.000E+00
SOURCE
                         0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
SOURCE #
SOURCE #
             64
65
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                        0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
             66
                          0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
                                         0.000E+00
SOURCE #
             67
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET
                                                                                      PM10
                                                                                                                            11/07/95 09:41:42
                                                                                                                                                       Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                         Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                   0 000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                         0.000E+00
                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                SUM = 0.000E+00
                                         0 000E+00
                           ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 4.800E-03 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 5.000E-03
     POLLUTANT Be
                                                                                           LIVER
                                                                                                          REPRO
                                                                                                                          RESP
                                                                             KIDN
                                                 CNS
                                                             TMMUN
                                                                                                                                   0.000E+00
                                                                                      0.000E+00
                                                                                                     0 000E+00
                                                                                                                    8.494E-07
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                          0.000E+00
SOURCE #
                                                                                                                    1.554E-06
4.290E-06
7.375E-06
1.569E-05
                                                                                                     0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
SOURCE #
               2
                                                                                                                                   0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                          0 000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                                      0.000E+00
SOURCE #
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                          0.000E+00
                                         0.000E+00
SOURCE #
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    1.648E-05
2.188E-05
                                                                                                                                   0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                         0.000E+00
SOURCE #
               6
                          0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                                    1.398E-06
2.987E-05
3.230E-05
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
               8
                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
SOURCE #
                                                                                                                                    0.000E+00
                                                                                                     0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
              10
                          0.000E+00
                                         0.000E+00
                                                                       0.000E+00
SOURCE #
                                                                                                                    3.200E-06
1.590E-04
7.361E-05
                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
SOURCE #
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
              12
SOURCE #
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                       0.000E+00
SOURCE #
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                    9.022E-06
                                                                                                                                    0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                         0.000E+00
0.000E+00
SOURCE #
              14
15
                          0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    1.603E-05
                                                                                                                                    0.000E+00
                          0.000E+00
                                                        0.000E+00
                                                                                       0.000E+00
SOURCE #
                                                                                                                     1.065E-04
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                          0.000E+00
SOURCE #
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                    5.025E-05
9.241E-06
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
              17
                          0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                       0.000E+00
SOURCE #
              18
                                                                                       0.000E+00
                                                                                                                    1.886E-06
                                                                                                                                    0.000E+00
                                                        0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
0.000E+00
SOURCE #
                                                                                                                    3.428E-06
                                                                                                                                   0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              20
                                                                                                                    9.463E-06
                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
   WRCE #
              21
                                                                                                                    1.600E-05
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                       0.000E+00
              22
                                         0.000E+00
                                                         0.000E+00
                          0.000E+00
   RCE #
                                                                                                     0.000E+00
                                                                                                                     3.327E 05
                                                                                                                                   0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                        0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
  JURCE
              23
                                         0.000E+00
                                                                                                                    3.168E-05
                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              24
25
SOURCE
                                                                                                     0.000E+00
                                                                                                                     3.894E-05
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
                          0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    3.102E-06
                                                                                                                                   0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
SOURCE
              26
                                         0.000E+00
                                                                                                                    6.632E-05
6.865E-05
                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
              27
SOURCE #
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
SOURCE #
                          0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                                                    6.959E-06
1.907E-07
3.489E-07
                                         0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
              29
                          0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
SOURCE #
              30
                                                                                                                                    0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
SOURCE #
              31
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                     9.633E-07
                                                                                                                                    0.000E+00
                                                         0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              32
                                                                                                                    1.656E-06
3.522E-06
3.700E-06
4.913E-06
3.140E-07
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
SOURCE #
              33
                                                                                                                                    0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                     0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
              34
SOURCE #
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
              35
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
SOURCE
                                                                                                                                    0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
SOURCE #
              36
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
SOURCE #
              37
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                    6.706E-06
7.254E-06
7.185E-07
                                                                        0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
SOURCE #
SOURCE #
              38
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                                                                    0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
              39
                          0.000E+00
                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                       0.000E+00
0.000E+00
              40
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.331E-04
                                                                                                                                    0.000E+00
                                                         0.000E+00
SOURCE #
              41
                          0.000E+00
                                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                     7.252E-05
                                                                                                                                    0.000E+00
                                                         0.000E+00
                                         0.000E+00
SOURCE #
              42
                          0 000E+00
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                            11/07/95
                                                                                                                                         09:41:42
                                                                                                                                                       Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                     1.063E-04
                                          0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
SOURCE #
                          0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                                                    4.434E-07
1.120E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                         0.000E+00
0.000E+00
              44
                          0.000E+00
0.000E+00
                                                         0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
SOURCE #
              45
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.436E-07
3.073E-07
                                                                                                                                    0.000E+00
                                                                       0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
SOURCE #
              46
                                                                                                                                    0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                                      0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              47
                                          0.000E+00
                                                                                                                     6.804E-07
1.532E-07
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
SOURCE #
              48
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
              49
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.209E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                                        0.000E+00
                          0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
SOURCE
              50
                                                                                                                    3.053E-08
3.915E-08
8.373E-08
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              51
52
SOURCE #
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                       0.000E+00
                                                         0.000E+00
0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                                        0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0,000E+00
                                                                                                                                    0.000E+00
SOURCE #
              53
                          0.000E+00
                                          0.000E+00
                                                                                                                     1.855E-07
4.177E-08
                                                                                                                                    0.000E+00
                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                          0.000E+00
                                                         0.000E+00
SOURCE #
              54
55
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                         0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                          0.000E+00
                                          0.000E+00
SOURCE #
                                                                                                                     1.176E-06
2.970E-07
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
SOURCE #
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              57
SOURCE #
                                                                                                      0.000E+00
                                                                                                                     3.808E-07
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
              58
SOURCE #
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     8.145E-07
                                                                                                                                    0.000E+00
              59
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
SOURCE
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     1.804E-06
                                                                                                                                    0.000E+00
                                          0.000E+00
                                                         0.000E+00
                          0.000E+00
   URCE
   JRCE #
              60
                                                                                                                     4.063E-07
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
              61
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
  URCE #
              62
                          0.000E+00
                                          0.000E+00
                                                         0-000E+00
SOURCE #
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                          0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
              63
64
                          0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                                                    0.000E+00
                                                                        0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                          0.000E+00
                                          0.000E+00
SOURCE #
```

```
67 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                              0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
                                 SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.188E-03 0.000E+00
                                                       ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.500E+00 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 1.000E-03
           POLLUTANT Cd
                                                                                                                                                           KIDN
                                                                                                                                                                                      LIVER
                                                                                                                                                                                                                      REPRO
                                                                                                                             TMMIIN
                                                                       CV
                                                                                                   CNS

        0.000E+00
        0.000E+00
        0.000E+00
        2.577E-10
        0.000E+00
        0.000E+00
        2.577E-10
        0.000E+00
        0.000E+00
        2.577E-10
        0.000E+00
        0.000E+00
        4.715E-10
        0.000E+00
        0.000E+00
        1.302E-09
        0.000E+00
        0.000E+00
        1.302E-09
        0.000E+00
        0.000E+00
        2.238E-09
        0.000E+00
        0.000E+00
        2.238E-09
        0.000E+00
        0.000E+00
        4.759E-09
        0.000E+00
        <t
SOURCE #
                              2 3 4 5
                                                                                                                                                                                                                                            1.302E-09 0.000E+00
2.238E-09 0.000E+00
4.759E-09 0.000E+00
6.640E-09 0.000E+00
9.061E-09 0.000E+00
9.803E-09 0.000E+00
4.244E-10 0.000E+00
9.803E-09 0.000E+00
2.243E-08 0.000E+00
2.749E-09 0.000E+00
4.884E-09 0.000E+00
3.244E-08 0.000E+00
1.532E-08 0.000E+00
SOURCE # 6
SOURCE # 7
SOURCE # 8
SOURCE # 9
SOURCE # 10
SOURCE # 12
SOURCE # 12
SOURCE # 13
SOURCE # 14
SOURCE # 15
SOURCE # 15
SOURCE # 16
SOURCE # 17
                                                     0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                    4.999E-09
                                                                                                                                                                                  0.000E+00
                               6
7
                                                                                                                                                                                  0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   6.640E-09
4.244E-10
                                                                                                                                                                                  0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                    9.061E-09
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                   9.803E-09
9.709E-10
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                    0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                    4.846E-08
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   2.243E-08
2.749E-09
                                                       0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                                                   4.884E-09
3.244E-08
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                    1.532E-08
                                                                                                                                                                                                                 0.000E+00
                                                                                    0.000E+00
                           17
                                                     0.000E+00
 SOURCE #
                                                                                                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 253
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, FM10 *Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                                                                                0.000E+00 2.816E-09
0.000E+00 5.721E-10
0.000E+00 1.040E-09
0.000E+00 2.871E-09
0.000E+00 4.853E-09
0.000E+00 1.009E-08
0.000E+00 9.609E-09
0.000E+00 1.181E-08
0.000E+00 9.408E-10
0.000E+00 2.012E-08
0.000E+00 2.012E-08
0.000E+00 2.084E-08
0.000E+00 2.111E-09
                                                                                   0.000E+00 0.000E+00
                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                                                   2.816E-09
                                                                                                                                                                                 0 000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   5.721E-10
1.040E-09
2.871E-09
 SOURCE #
SOURCE #
SOURCE #
                                                      0.000E+00
0.000E+00
                             20
                                                                                                                                                                                                                                                                               0.000E+00
                             21
                                                       0.000E+00
                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                    4.853E-09
 SOURCE #
SOURCE #
                                                    0.000E+00
0.000E+00
                             22
                                                                                 0.000E+00

0.000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   1.009E-08
9.609E-09
                             23
                                      0.00E+00
0.00E+00
0.000E+00
                             24
 SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                    1.181E-08
                             25
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   9.408E-10
2.012E-08
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                             26
                             27
                                                                                                                                                    2.084E-08
2.111E-09
                             28
29
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                   2.111E-09
2.574E-09
4.709E-09
1.300E-08
2.235E-08
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
COURCE #
                             30
                             31
32
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                             33
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                    4.753E-08
                             34
35
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    4.994E-08
6.632E-08
                             36
                                                                                                                                                     4.239E-09
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    9.050E-08
9.789E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                             39
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                     9.698E-09
                                                                                                                                                                                   0.000E+00
                             40
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                             41
                                                                                                                   0.000E+00
                                                                                                                                                     5.414E-09
 SOURCE #
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                    2.950E-09
                                                                                                                                                                                                                 0.000E+00
                             42
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                     4.324E-09
                             43
                                                                                                                                                    5.983E-09
1.512E-09
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                             45
                                                                                                                                                     1.939E-09
                                                                                                                                                                                                                  0.000E+00
                             46
47
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                     4.146E-09
                                                                                                                                                    9.184E-09
2.069E-09
                                                                                                                   0.000E+00
0.000E+00
                             49
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                     1.630E-09
                             50
                             51
52
53
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                    4.120E-10
5.283E-10
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    1.130E-09
2.502E-09
                                                                                                                   0.000E+00
 SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             54
55
                                                                                                                                                     5.636E-10
                             56
57
                                                                                                                                                    1.586E-08
4.008E-09
5.139E-09
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                             58
59
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                     1.099E-08
                                                                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                    2.434E-08
5.483E-09
                                                                                                                                                                                   0.000E+00
0.000E+00
  SOURCE #
                             61
 SOURCE #
                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                  0.000E+00
                             62
63
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                             65
66
67
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
2.616E-07
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
2.616E-07
                                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                       0.000E+00
 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF A Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 254
                                                                                                                                                                                                                                               1.035E-06 0.000E+00
                                  SUM = 0.000E+00 0.000E+00 0.000E+00 1.035E-06 0.000E+00 0.000E+00
                                                         ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E-03 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 5.000E-03
            POLILITANT CT
                                                                    CV
                                                                                                                                                                                                                                                            RESP
                                                                                                                                                                                                                                                                                             SKIN
                                                                                                  CNS
                                                                                                                            TMMUN
                                                                                                                                                            KIDN
                                                                                                                                                                                         LIVER
                                                                                                                                                                                                                        REPRO
                               1 0.000E+00 0.000E+00 0.000E+00 8.316E-08 8.316E-08 0.000E+00 8.316E-08 0.000E+00
  SOURCE #
```

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                1.521E-07
                                                                                                                     1.521E-07
                                                                                                                                         0.000E+00
                                                                                                                                                             1.521E-07
                                                                                                                                                                                  0.000E+00
                                                                           0.000E+00
SOURCE #
                                   0.000E+00
                                                                                                                                                             4.199E-07
7.218E-07
1.535E-06
                                   0.000E+00
0.000E+00
                                                                                                4.199E-07
7.218E-07
1.535E-06
                                                                                                                     4.199E-07
7.218E-07
1.535E-06
SOURCE #
SOURCE #
                                                                            0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
                                   0.000E+00
SOURCE #
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 1.612E-06
                                                                                                                     1.612E-06
                                                                                                                                                              1.612E-06
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                              2.142E-06
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                     2.142E-06
1.369E-07
                                   0.000E+00
                                                                            0.000E100
0.000E+00
                                                                                                2.142E-06
1.369E-07
                                                                                                                                                             1.369E-07
2.923E-06
3.161E-06
3.132E-07
1.562E-05
7.230E-06
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                   0.000E+00
                                                                            0.000E+00
                                                                                                 2.923E-06
                                                                                                                     2.923E-06
                                                                                                                                         0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                     3.161E-06
3.132E-07
1.562E-05
7.230E-06
                                                                                                3.161E-06
3.132E-07
                                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                   0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                1.562E-05
7.230E-06
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                   13
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             8.863E-07
1.574E-06
                                                                                                 8.863E-07
                                                                                                                     8.863E-07
                  14
15
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                1.574E-06
1.046E-05
                                                                                                                     1.574E-06
1.046E-05
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              1.046E-05
                   16
                                                                                                                     4.938E-06
9.078E-07
1.846E-07
                                                                                                 4.938E-06
                                                                                                                                                             4.938E-06
9.078E-07
                   17
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                9.078E-07
                                   0.000E+00
                                                                                                 1.846E-07
3.354E-07
                                                                                                                                         0.000E+00
                                                                                                                                                              1.846E-07
                                                                                                                                                                                  0.000E+00
                  19
20
                                   0.000E+00
0.000E+00
                                                                                                                                                             3.354E-07
9.260E-07
                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                     3.354E-07
                                                                                                 9.260E-07
1.565E-06
3.256E-06
                  21
22
23
                                                                                                                     9.260E-07
                                   0.000E+00
                                                       0.000E+00
                                                                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                     1.565E-06
3.256E-06
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              1.565E-06
                                                                            0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              3.256E-06
3.100E-06
3.811E-06
                  25
26
27
28
                                                                                                                     3.100E-06
3.811E-06
                                                                            0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                 3.100E-06
                                                                                                 3.811E-06
                                                                                                                                                                                  0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                 3.035E-07
6.492E-06
6.720E-06
                                                                                                                                                             3.035E-07
6.492E-06
6.720E-06
                                                                            0.000E+00
                                                                                                                     3.035E-07
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                   0.000E+00
                                                        0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                     6.492E-06
6.720E-06
                                                       0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                 6.810E-07
7.323E-07
1.340E-06
3.699E-06
                                                                                                                                                             6.810E-07
7.323E-07
1.340E-06
3.699E-06
                                                                                                                     6.810E-07
7.323E-07
1.340E-06
                                   0.000E+00
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                   29
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                   30
                                   0.000E+00
                  31
32
                                   0.000E+00
0.000E+00
                                                                                                                     3.699E-06
6.359E-06
1.352E-05
1.421E-05
1.887E-05
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                             6.359E-06
1.352E-05
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                 6.359E-06
1.352E-05
1.421E-05
1.887E-05
                                   0.000E+00
                                                       0.000E+00
                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                  34
                                   0.000E+00
0.000E+00
                                                                                                                                                              1.421E-05
1.887E-05
                                                                                                                                         0.000E+00
0.000E+00
                   36
                                   0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                     1.206E-06
2.575E-05
2.786E-05
                                                                                                                                                              1.206E-06
2.575E-05
2.786E-05
                                                                                                 1.206E-06
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
                   37
                                                                                                 2.575E-05
2.786E-05
2.759E-06
3.107E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                  39
                                                                                                                     2.759E-06
3.107E-06
                                                                                                                                                              2.759E-06
3.107E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                     1.692E-06
                                                                                                                                         0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                              1.692E-06
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 1.692E-06
SOURCE #
                                   0.000E+00
                                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                        11/07/95 09:41:42
                                                                                                                                                                                                             Page -
 Input File: g:\ace\GQ91\GQPACE.DAT
SOURCE #
SOURCE #
RCE #
                                                                                                2.481E-06
1.702E-06
4.304E-07
                                                                                                                     2.481E-06
1.702E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              2.481E-06
1.702E-06
                                                                                                                                                                                  0.000E+00
                                                                             0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                  44
                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              4.304E-07
5.518E-07
                                                                                                                      4.304E-07
                                                                                                                                         0.000E+00
                   46
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 5.518E-07
1.180E-06
                                                                                                                     5.518E-07
1.180E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              1.180E-06
JRCE #
SOURCE #
SOURCE #
                                   0.000E+00
0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                 2.613E-06
5.884E-07
4.639E-07
                                                                                                                     2.613E-06
5.884E-07
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              2.613E-06
5.884E-07
                                                                                                                                                                                  0.000E+00
0.000E+00
                   48
                                                       0.000E+00
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              4.639E-07
                                                                                                                                                                                  0.000E+00
                                                                                                                     4.639E-07
SOURCE #
SOURCE #
                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                   50
51
                                                       0.000E+00
0.000E+00
                                                                                                                                                             1.172E-07
1.503E-07
3.216E-07
                                                                                                 1.172E-07
1.503E-07
3.216E-07
                                                                                                                      1.172E-07
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                     1.503E-07
3.216E-07
                   52
                                                                                                                                                                                 0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
SOURCE #
                   53
                                                                                                                                                             7.124E-07
1.604E-07
4.513E-06
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
SOURCE #
                                                                                                 7.124E-07
                                                                                                                      7.124E-07
                                                                                                                                         0.000E+00
                                                                                                 1.604E-07
4.513E-06
                                                                                                                     1.604E-07
4.513E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                   56
57
SOURCE #
                                   0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                             0.000E+00
                                                                                                 1.140E-06
                                                                                                                      1.140E-06
                                                                                                                                          0.000E+00
                                                                                                                                                             1.140E-06
                                                                                                 1.462E-06
3.128E-06
                                                                                                                      1.462E-06
3.128E-06
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             1.462E-06
3.128E-06
 SOURCE #
                                    0.000E+00
                                                        0.000E+00
                                                                             0.000E+00
                                                        0.000E+00
0.000E+00
 SOURCE #
                                   0.000E+00
                                                                             0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             6.928E-06
1.560E-06
0.000E+00
                                   0.000E+00
                                                                             0.000E+00
                                                                                                 6.928E-06
                                                                                                                      6.928E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
                   60
                                                                                                                      1.560E-06
0.000E+00
                   61
                                                        0,000E+00
                                                                             0.000E+00
                                                                                                 1.560E-06
                                                                                                                                                                                   0.000E+00
SOURCE #
                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                    0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                    0.000E+00
                   63
                                                                                                                                                              0.000E+00
 SOURCE #
                   64
65
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                      0 000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
SOURCE #
                                                        0.000E+00
0.000E+00
                   66
67
                                    0.000E+00
0.000E+00
                                                                                                                                                               4.336E-06
0.000E+00
                                                                                                 4.336E-06
                                                                                                                      4.336E-06
                                                                                                                                          0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                   0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                     2.378E-04
                                                                                                                                         0.000E+00
                                                                                                                                                              2.378E-04
                                                                                                                                                                                   0.000E+00
                      SUM = 0.000E + 00
                                                        0.000E+00
                                                                            0.000E+00 2.378E-04
                                      ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.400E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
       POLLUTANT Cu
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
 SOURCE #
SOURCE #
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                    0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                    0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
 SOURCE #
                                    0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                 0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                    0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                    0.000E+00
0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                     8
                                                                                                                                                              0.000E+00
0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                  0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
 SOURCE #
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                             0.000E+00
0.000E+00
 SOURCE #
                   10
                                    0.000E+00
                                                         0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                               0.000E+00
    RCE #
                                    0.000E+00
0.000E+00
                                                         0.000E+00
                   11
                                                                                                                                                               0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                  0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                   12
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                    0.000E+00
                                                         0.000E+00
                                                                             0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                        0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                   0-000E+00
                                                                             0.000E+00
 SOURCE #
```

```
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 256
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                   0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                0,000E+00
                                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
                                 0.000E+00
                                                  0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E100
RCE #
RCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                19
20
                                0.000E+00
                                                                                                                                                                   0.000E+00
                                 0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                   0.000E+00
                21
22
                                 0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                   0.000E+00
                                0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                   0.000E+00
                23
24
25
                                                                     0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                   0.00E+00
                                0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                                                                           0.000E+00
SOURCE #
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                   0.000E+00
                 26
27
                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                     0.000E+00
                 28
                                                                                                                                                                   0.000E+00
                                                                                                           0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                   0.000E+00
                 30
                                0.000E+00
                                                                                                                                                                   0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
                                0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                 31
32
                                                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                 0.000E+00
                                                   0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                              0.000E+00
                                                  0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                0.000E+00
                 34
35
                                                                                                           0.000E+00
                                                                                                                                                                   0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                   0.000E+00
                 36
37
                               0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                   0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                 38
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                 39
                                0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                 40
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                 41
42
43
                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                                                                                              0.000E+00
                                                                                                            0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                         0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                 45
46
                                                                                                                                                                    0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                            0,000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                  47
                                0.000E+00
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                  48
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
 SOURCE #
                  49
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                  50
                               0.000E+00
                                0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                      0,000E+00
                                                                                         0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                 51
52
                                                                                                                                                                    0.000E+00
                                                                      0,000E+00
0,000E+00
0,000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                 0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                   0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
 SOURCE #
                  53
                                                                                                                                                 0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                  54
55
 SOURCE #
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                              0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
 SOURCE #
                                 0.000E+00
                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                      0,000E+00
                                                                                                                              0.000E+00
 SOURCE #
                  57
58
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                                                      0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
 SOURCE #
                  59
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
                  60
                                                                                                                               0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                    0.000E+00
0.000E+00
                  61
                                0.000E+00
                                                                      0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E100
                                                                                                            0.000E100
                                                                                                                               0.000E+00
                               0.000E+00
0.000E+00
                  62
                                                                                                                               0.000E+00
JRCE #
JRCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                            0.000E+00
0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                         0.000E+00
                  63
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                 64
65
66
67
                                                    0.000E+00
0.000E+00
                                 0.000E+00
                                                                      0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                       0.000E+00
                                 0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                               0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
 SOURCE #
                                                    0.000E+00
                  68
                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQFACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                        11/07/95 09:41:42
                                                                                                                                                                                            Page -
                     SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                               0.000E+00 0.000E+00 0.000E+00
                                   ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.600E+00 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
       POLLUTANT HCHO
                                                                                                 KIDN
                                                                                                                 LIVER
                                                                                                                                                         RESP
                                                                                                                                                                            SKIN
                                            CV
                                                             CNS
                                                                             IMMUN
                                                                     0.000E+00 0.000E+00 0.000E+00
                                0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                   2 3 4 5
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                               0.000E+00
0.000E+00
 SOURCE # SOURCE #
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                       0.000E+00
 SOURCE #
                                0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
 SOURCE #
                  10
                                                                                                                                                                     0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                 0.000E+00
                                                                       0.000E+00
                  11
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                                                                          0.000E+00
                  12
13
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                          0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                  14
                                 0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
 SOURCE #
                  15
                                                                                                                                                                     0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
 SOURCE #
                                                                       0.000E+00
                  16
17
                                                                                                                                                                     0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                                    0.000E+00
0.000E+00
                  18
                                0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                  19
20
                                                                                                            0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                0.000E+00
                                                    0.000E+00
                                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                  21
                                                    0.000E+00
                                                                                                                                                                     0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
 SOURCE #
                  22
23
24
25
26
27
                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
  OURCE #
                                                                                                                                                                     0.000E+00
    URCE #
                                                    0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                          0 000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                     0.000E+00
 URCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                          0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                     0.000E+00
                                                                        0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                             0.000E+00
                  28
29
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                    0.000E+00
```

```
0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
              31
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                           0.000E+00
SOURCE #
                                                                                           0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                                            0.000E+00
              33
                            0 000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              34
                            0.000E+00
                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              35
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
    CE #
                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
              36
37
                           0.000E+00
0.000E+00
                                                           0.000E+00
    RCE #
                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
              38
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
              39
                           0.000E+00
0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
               40
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
              41
                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                            0,000E+00
                           0.000E+00
              42
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                  11/07/95 09:41:42
                                                                                                                                                               Page -
                            0.000E+00
                                                                                                                                          0.000E+00
                                                                                                           0:000E+00
                                                                                                                           0:000E+00
                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                           0.000E+00
                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
SOURCE #
              44
45
                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
              46
                            0.000E+00
                                                           0.000E+00
                            0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
              47
                                                                           0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               48
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
               49
                            0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
SOURCE #
              50
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
               51
                                                                                                                           0.000E+00
                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
               52
53
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
SOURCE #
               54
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
               55
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               56
SOURCE #
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
               58
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               59
SOURCE #
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               60
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
              61
62
                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
               63
                            0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                                           0.000E+00
              64
65
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                            0,000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                           0.000E+00
               66
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
              67
68
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                           0 000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                 SUM =
                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 7.000E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT HCN
                                                                 IMMUN
                                                                                  KIDN
                                                                                                LIVER
                                                                                                                REFRO
                                                                                                                                 RESP
                                                                                                                                                 SKIN
                                                   CNS
SOURCE #
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                           0.000E+00
                1 2
                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                                            0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                3
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                            0.000E+00
                                                                            0 000E+00
                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
SOURCE #
                5
SOURCE #
                                                                                                                           0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                8
SOURCE #
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                                           0.000E+00
               10
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
               11
12
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
SOURCE #
                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
               14
                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
0.000E+00
               15
                                                                                                                                           0.000E+00
               16
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
               17
                            0 000E+00
                                            0 000E+00
                                                            0.000E+00
                                                                            0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQI
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 259
                                                             Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                Page -
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
SOURCE #
                            0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                           0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
               20
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               21
                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
               22
                            0.000E+00
                                            0.000E+00
                                                                                                                           0.000E+00
               23
24
                                            0.000E+00
                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
               25
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0 000E+00
                                                                                                                           0.000E+00
SOURCE #
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               26
27
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               29
                            0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                                            0.000E+00
               30
                                                                                                                                           0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
               31
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
               32
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
RCE #
                                                                                                                           0.000E+00
               35
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
                            0.000E+00
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
               36
                                                                                                           0.000E+00
0.000E+00
               37
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
               38
39
                                                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
                                                                                            0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
               40
                            0.000E+00
                                            0.000E+00
               41
                            0.000E+00
                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
```

```
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                           0.000E+00
SOURCE #
                                                                                               0.000E+00
                                   0.000E+00
                                                       0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                   0.000E+00
                                                       0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                    0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                              0 000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                  45
                                   0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                     0.000E+00
                                                        0.000E+00
                                                                            0.000E+00
                                                                                                 0.000E+00
   RCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                 0.000E+00
     RCE #
                                   0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                  48
                                                                                                                                          0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
SOURCE #
                   49
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                       0.000E+00
0.000E+00
                   50
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                   0.000E+00
0.000E+00
SOURCE #
                  51
52
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                       0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
                                                       0.000E+00
0.000E+00
                                  0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                                          0.000E+00
                  54
55
                                                                                                                                                              0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                 0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                 0.000E+00
                   57
                                                                                                                                                              0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                   58
                                   0.000E+00
                                                       0.000E+00
                                                                                                 0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
                   60
                                                       0.000E+00
1.975E-03
5.024E-03
                                                                                                 0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                  61
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                   62
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                  63
64
65
                                                       2.154E-02
0.000E+00
2.230E-05
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                 0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                  66
                                                                            0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                               0.000E+00
                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 260
                      SUM = 0.000E+00 2.857E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                    ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 1.500E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 4.300E-04
       POLLUTANT Pb
                                                                                                                           LIVER
                                                                                                                                                REPRO
                                                                                                                                                                       RESP
                                                                                                                                                                                            SKIN
                                                                  CNS
                                                                                   IMMUN
                                                                                                         KIDN
                                                                                                                                      3.754E-09
6.868E-00
                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                0.000E+00
                                                                                                                     0.000E+00
                                                                                                 3.754E-09
                                                                           3.754E-09
SOURCE #
                                    3.754E-09
                                                       3.754E-09
SOURCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                       6.868E-09
                                                                            6.868E-09
                                                                                                                      0.000E+00
                                                                                                 6.868E-09
                    2
                                   6.868E-09
1.896E-08
                                                                           1.896E-08
3.259E-08
6.932E-08
                                                       1.896E-08
3.259E-08
                                                                                                 1.896E-08
3.259E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                         1.896E-08
3.259E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
                    5
                                   3.259E-08
                                                      3.259E-08
6.932E-08
7.282E-08
9.672E-08
6.181E-09
1.320E-07
1.428E-07
1.414E-08
7.047E-07
3.262E-07
                                                                                                                                          6.932E-08
7.282E-08
                                   6.932E-08
7.282E-08
                                                                                                 6.932E-08
                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                           7.282E-08
9.672E-08
6.181E-09
                                                                                                                     0.000E+00
0.000E+00
                                                                                                 7.282E-08
9.672E-08
                    6
7
8
9
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                          9.672E-08
                                    9.672E-08
                                                                          6.181E-09

1.320E-07

1.42E-07

1.414E-08

7.047E-07

3.262E-07

3.99E-08

4.718E-07

2.228E-07

4.095E-08

8.336E-09

1.515E-08

4.181E-08

7.067E-08

1.400E-07

1.400E-07

1.721E-07

1.370E-08

2.931E-07

3.036E-07
                                                                                                                                          6.181E-09
1.320E-07
                                                                                                 6.181E-09
1.320E-07
                                                                                                                     0.000E+00
0.000E+00
                                   6.181E-09
                                                                                                                                                                                   0.000E+00
                                   1.320E-07
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
RCE #
RCE #
SURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                 1.428E-07
                                                                                                                      0.000E+00
                                                                                                                                          1.428E-07
                                                                                                                                                                                  0.000E+00
0.000E+00
                  10
                                   1.428E-07
                                                                                                 1.414E-08
7.047E-07
3.262E-07
                                    1.414E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          1.414E-08
7.047E-07
                   11
                                                                                                                                                                                   0.000E+00
                   12
                                   7.047E-07
                                                                                                                      0.000E+00
                                                                                                                                          3.262E-07
                                                                                                                                                                                  0.000E+00
                                   3.262E-07
                   13
                                                      3.999E-08
7.103E-08
4.718E-07
2.228E-07
                                                                                                                                                                                   0.000E+00
                                                                                                 3.999E-08
7.103E-08
4.718E-07
                                   3.999E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          3.999E-08
7.103E-08
                  14
15
                                                                                                                                                                                   0.000E+00
                                  7.103E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                           4.718E-07
SOURCE #
                   16
17
                                   4.718E-07
2.228E-07
                                                                                                 2.228E-07
                                                                                                                      0.000E+00
                                                                                                                                          2.228E-07
SOURCE #
                                                                                                                                          4.095E-08
8.336E-09
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                 4.095E-08
8.336E-09
                                   4.095E-08
                                                       4.095E-08
                   18
                                                      4.095E-08
8.336E-08
1.515E-08
4.181E-08
7.067E-08
1.470E-07
1.721E-07
1.370E-08
2.931E-07
3.075E-08
2.544E-08
4.653E-08
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                   8.336E-09
1.515E-08
4.181E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                 1.515E-08
                                                                                                                      0.000E+00
                                                                                                                                          1.515E-08
                                                                                                                                                                                  0.000E+00
                  20
21
                                                                                                 4.181E-08
7.067E-08
1.470E-07
                                                                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          4.181E-08
7.067E-08
                                                                                                                                                                                   0.000E+00
                                   7.067E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                   1.470E-07
1.400E-07
1.721E-07
1.370E-08
2.931E-07
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                           1.470E-07
SOURCE #
SOURCE #
                   23
24
                                                                                                 1.400E-07
1.721E-07
1.370E-08
                                                                                                                                          1.400E-07
1.721E-07
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                   25
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                           1.370E-08
SOURCE #
                   26
27
                                                                                                                                          2.931E-07
3.036E-07
                                                                                                 2.931E-07
3.036E-07
                                                                                                                     0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                            3.036E-07
3.075E-08
                                                                                                                                                                                   0.000E+00
                                    3.036E-07
                                   3.075E-08
2.544E-08
                                                                                                  3.075E-08
                                                                                                                      0.000E+00
                                                                                                                                          3.075E-08
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                   29
30
SOURCE #
                                                                                                                                                              0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                            2.544E-08
                                                                                                 2.544E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                          2.544E-08
                                                                                                                                          4.653E-08
1.285E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                       4.653E-08
1.285E-07
2.209E-07
                                                                            4.653E-08
1.285E-07
2.209E-07
                                    4.653E-08
                                                                                                 4.653E-08
1.285E-07
                   31
                                                                                                                      0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                   1.285E-07
2.209E-07
                   32
                                                                                                                                          2.209E-07
                                                                                                  2.209E-07
                                                                                                                      0.000E+00
                   33
                                                                                                                                          4.698E-07
4.934E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                             4.698E-07
4.934E-07
6.553E-07
                                                                                                  4.698E-07
                                    4.698E-07
                                                        4.698E-07
                                                        4.934E-07
6.553E-07
                                                                                                  4.934E-07
                                                                                                                      0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                   35
                                   4.934E-07
6.553E-07
                                                                                                 6.553E-07
4.188E-08
                                                                                                                                          6.553E-07
4.188E-08
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                   36
                                                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                    4.188E-08
                                                         4.188E-08
                                                                             4.188E-08
                                                                             8.948E-07
                                                        8.948E-07
9.676E-07
                                                                                                  8.948E-07
                                                                                                                      0.000E+00
                                                                                                                                           8.948E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                   38
                                    8.948E-07
                                                                             9.676E-07
9.582E-08
2.463E-07
                                                                                                 9.676E-07
9.582E-08
2.463E-07
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                           9.676E-07
9.582E-08
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                    9.676E-07
                   40
                                    9.582E-08
                                                         9.582E-08
                41
42
                                                                                                                      0.000E+00
                                                                                                                                           2.463E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                    2.463E-07
                                                        2.463E-07
                                                                             1.342E-07
                                                                                                 1.342E-07
                                                                                                                      0.000E+00
                                                                                                                                          1.342E-07
                                                                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                        1.342E-07
                                   1.342E-07
SOURCE #
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.DAT *Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                        11/07/95 09:41:42
                                                                                                                                                                                                              Page -
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                            1.967E-07
5.915E-08
1.494E-08
1.916E-08
4.098E-08
                                                                                                                      0.000E+00
                                                                                                                                           1.967E-07
                                                                                                                                                               0.000E+00
                                                       1.967E-07
5.915E-08
                                                                                                 1.967E-07
                                    1.967E-07
                                                                                                                                          5.915E-08
1.494E-08
1.916E-08
4.098E-08
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                    5.915E-08
1.494E-08
                                                                                                 5.915E-08
                                                                                                                      0.000E+00
                   44
                                                                                                 1.494E-08
1.916E-08
4.098E-08
                                                                                                                     0.000E+00
0.000E+00
                                                        1.494E-08
                                                       1.916E-08
4.098E-08
                                                                                                                                                                                   0.000E+00
                   46
                                    1.916E-08
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                               0.000E+00
                                    4.098E-08
9.073E-08
                                                        9.073E-08
                                                                             9.073E-08
2.044E-08
                                                                                                  9,073E-08
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                           9.073E-08
                                                                                                                                                               0.000E+00
                   48
                                                                                                                                           2.044E-08
                                                                                                                                                               0.000E+00
                                                       2.044E-08
                                                                                                  2.044E-08
                                    2.044E-08
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                             1.612E-08
                                                                                                  1.612E-08
                                                                                                                      0.000E+00
                                                                                                                                           1.612E-08
                                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
                   50
51
52
                                                       1.612E-08
4.072E-09
                                    1.612E-08
4.072E-09
                                                                             4.072E-09
5.222E-09
1.117E-08
                                                                                                 4.072E-09
5.222E-09
1.117E-08
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           4.072E-09
5.222E-09
1.117E-08
                                                                                                                                                               0.000E+00
0.000E+00
                                                       5.222E-09
1.117E-08
2.473E-08
                                  5.222E-09
1.117E-08
2.473E-08
                                                                                                                                                             0.000E+00
0.000E+00
                   53
                                                                            2.473E-08
 SOURCE #
                                                                                                 2.473E-08
                                                                                                                      0.000E+00
                                                                                                                                         2.473E-08
```

```
5.569E-09
1.568E-07
3.961E-08
5.079E-08
                                                              5.569E-09
1.568E-07
3.961E-08
5.079E-08
                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
                                                                                5.569E-09
                                                                                                0.000E+00
                                                                                                                 5.569E-09
SOURCE #
                             5.569E-09
1.568E-07
                                                                                                                 1.568E-07
3.961E-08
                                                                                                                                                  0.000E+00
0.000E+00
                                                                               1.568E-07
3.961E-08
                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
                             3.961E-08
SOURCE #
                                                                                5.079E-08
                                                                                                0.000E+00
                                                                                                                 5.079E-08
                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
               58
59
                             5 079E-08
                                                                                                                                                   0.000E+00
                                              1.08/E-0/
2.406E-07
5.419E-08
                                                                                                                 1.087E-07
                                                                                                                                  0.000E+00
                             1.087E-07
                                                               1.087E-07
                                                                                1.087E-07
2.406E-07
                                                                                                0.000E+00
   RCE #
                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                             2.406E-07
5.419E-08
0.000E+00
                                                               2.406E-07
               60
                                                                                                                 5.419E-08
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                               5.419E-08
                                                                                5.419E-08
                                                                                                0.000E+00
               61
62
SOURCE #
                                                                                                                                                   0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
SOURCE #
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                0 000E+00
                             0.000E+00
                                              0.000E+00
0.000E+00
                                                               0.000E+00
               63
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
               64
                             0.000E+00
0.000E+00
SOURCE #
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                                0.000E+00
SOURCE #
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                0.000E+00
                                                               0.000E+00
                             0.000E+00
                                              0.000E+00
               66
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
SOURCE
               67
                             0.000E+00
                                                                                                                                  0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                             0.000E+00
SOURCE #
               68
                                                                                                                                  0.000E+00
                                                                                9.290E-06
                                                                                                0.000E+00
                                                                                                                 9.290E-06
                                                                                                                                                   0.000E+00
                            9.290E-06
                                              9 290E-06
                                                               9.290E-06
                  SUM =
                              ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 4.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT Mn
                                                                                      KIDN
                                                                                                     LIVER
                                                                                                                      REPRO
                                                                                                                                        RESP
                                                      CNS
                                                                    IMMUN
                                                                                                                 0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
                                                                                                0.000E+00
                                                                                                                                  0.000E+00
                             0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
SOURCE #
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
SOURCE #
SOURCE #
                2
                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                 0.000E+00
                             0.000E+00
0.000E+00
                 5
                                              0.000E+00
                                                                                                                                  0.000E+00
                                              0.000E+00
                                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
SOURCE #
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                               0.000E+00
0.000E+00
                             0.000E+00
                                              0.000E+00
SOURCE #
                 6
7
                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
SOURCE #
                             0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
SOURCE #
                 8
9
                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
               10
                             0.000E+00
                                              0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
SOURCE #
SOURCE #
SOURCE #
               11
12
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                13
                             0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                              0.000E+00
                                                               0.000E+00
               14
15
16
                                              0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                  0 000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
SOURCE #
                             0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
               17
                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 262
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -
                                                              ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                             0.000E+00
SOURCE #
                19
                                              0.000E+00
0.000E+00
                20
                             0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
               21
22
                             0.000E+00
    RCE #
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                             0.000E+00
    JRCE #
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
SOURCE #
                23
                             0.000E+00
                                                               0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
SOURCE #
               24
25
                             0.000E+00
                             0.000E+00
                                              0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                              0.000E+00
0.000E+00
                26
                             0.000E+00
SOURCE #
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                             0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
SOURCE #
                2.7
                28
                             0.000E+00
                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                29
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                             0.000E+00
SOURCE #
                30
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
                             0.000E+00
                                              0.000E+00
SOURCE #
                31
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                32
                             0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
SOURCE #
                             0.000E+00
                33
                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
SOURCE #
SOURCE #
                34
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                36
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                37
SOURCE #
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
                38
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
SOURCE #
                39
                                              0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
SOURCE #
                40
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                41
                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                42
SOURCE #
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
SOURCE #
                43
                44
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
                             0.000E+00
                                              0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
SOURCE #
                46
47
                                                               0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                48
                             0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
SOURCE #
                49
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                50
                             0.000E+00
                                              0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                51
                             0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
                52
                53
                             0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                 0.000E+00
                                              0.000E+00
0.000E+00
0.000E+00
                                                                                0 000E+00
                              0.000E+00
                                                                0.000E+00
SOURCE #
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                55
                             0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                              0.000E+00
                                                                0.000E+00
                                                                                0.000E+00
                                                                                                 0.000E+00
SOURCE #
                56
                                                                                                 0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                0.000E+00
                                                                                0 000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                0.000E+00
                                              0.000E+00
0.000E+00
 SOURCE #
                58
                             0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
SOURCE #
                59
                                              0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                              0.000E+00
                                                                                0 000E+00
                60
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
 SOURCE #
                61
                              0.000E+00
                                                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                              0.000E+00
SOURCE #
                62
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                63
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                                   0.000E+00
                                                                                 0.000E+00
                64
65
66
67
                                              0.000E+00
0.000E+00
    JRCE #
                              0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                              0.000E+00
  JRCE #
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
                                              0.000E+00
0.000E+00
SOURCE #
                              0.000E+00
                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                    0.000E+00
SOURCE #
                68
                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
```

11/07/95 09:41:42 Page - 263

Output File: g:\ace\GQ91\GQPACE.OUT

SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 3.000E-04 POLLUTANT Hg
 CV
 CNS
 IMMUN
 KIDN
 LIVER
 REPRO
 RESP
 SKIN

 0,000E+00
 REPRO RESP IMMUN KIDN LIVER SOURCE # 1
SOURCE # 2
SOURCE # 3 2 0.000E+00
3 0.000E+00
4 0.000E+00
5 0.000E+00
6 0.000E+00
7 0.000E+00
9 0.000E+00
11 0.000E+00
12 0.000E+00
13 0.000E+00
14 0.000E+00
15 0.000E+00
16 0.000E+00
17 0.000E+00
18 0.000E+00
20 0.000E+00
21 0.000E+00
22 0.000E+00
23 0.000E+00
24 0.000E+00
25 0.000E+00
26 0.000E+00
27 0.000E+00
28 0.000E+00
29 0.000E+00
20 0.000E+00
31 0.000E+00
32 0.000E+00
33 0.000E+00
33 0.000E+00
34 0.000E+00
35 0.000E+00
36 0.000E+00
37 0.000E+00
38 0.000E+00
39 0.000E+00
31 0.000E+00
33 0.000E+00
34 0.000E+00
35 0.000E+00
36 0.000E+00
37 0.000E+00
38 0.000E+00
39 0.000E+00
39 0.000E+00
39 0.000E+00
40 0.000E+00
41 0.000E+00
41 0.000E+00 SOURCE # SOURCE #
SOURCE #
SOURCE # SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE # SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE # 0.000E+00 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 *Input File: g:\ace\GQ91\GQPACE.OUT Output File: g:\ace\GQ91\GQPACE.OUT * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 264 Input File: g:\ace\GQ91\GQPACE.DAT SOURCE #
SOURCE # 0.000E+00 0.000E+00 43 44 45 46 47 48 0.000E+00 0.000E+00 46 0.000E+00
47 0.000E+00
48 0.000E+00
49 0.000E+00
50 0.000E+00
51 0.000E+00
52 0.000E+00
53 0.000E+00
54 0.000E+00
55 0.000E+00
56 0.000E+00
57 0.000E+00
58 0.000E+00
60 0.000E+00
61 0.000E+00
62 0.000E+00
63 0.000E+00
64 0.000E+00
65 0.000E+00
66 0.000E+00
67 0.000E+00 $SUM = 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00 \quad 0.000E+00$ 0.000E+00 ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.400E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00 POLLUTANT Ni IMMUN KIDN I.TVER REPRO
 0.000E+00
 0.000E+00
 3.258E-09
 0.000E+00

 0.000E+00
 0.000E+00
 5.958E-09
 0.000E+00

 0.000E+00
 0.000E+00
 1.645E-08
 0.000E+00

 0.000E+00
 0.000E+00
 2.828E-08
 0.000E+00

 0.000E+00
 0.000E+00
 6.015E-08
 0.000E+00
 RCE #
SOURCE #
SOURCE #
SOURCE # 0.000E+00 0.000E+00 3.258E-09 3.258E-09 0.000E+00 0.000E+00 5.958E-09 5.958E-09 0.000E+00 0.000E+00 1.645E-08 1.645E-08 0.000E+00 0.000E+00 2.828E-08 2.828E-08 0.000E+00 0.000E+00 6.015E-08 6.015E-08 3.258E-09 3.258E-09 5.958E-09 5.958E-09 1.645E-08 1.645E-08 2.828E-08 2.828E-08 1 2 3 4 5

```
6.318E-08
                                                                                                                                            6.318E-08
8.391E-08
5.363E-09
1.145E-07
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                                                        6.318E-08
8.391E-08
5.363E-09
1.145E-07
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                  0.000E+00
                                                                                                                                                                                    8.391E-08
5.363E-09
1.145E-07
                                                                   0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                   0.000E+00
   ***URCE #
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
           CE #
                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                1.239E-07
                                                                                                                                                                                      1,239E-07
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                         1.239E-07
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         1.227E-08
 RCE #
SOURCE #
                                    11
12
                                                                  0.000E+00
0.000E+00
                                                                                                                                                1.227E-08
                                                                                                                                                                                     1.227E-08
6.120E-07
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                               1.227E-08
6.120E-07
2.832E-07
3.473E-08
6.169E-08
4.097E-07
1.934E-07
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                        6.120E-07
2.832E-07
                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                2.832E-07
3.473E-08
6.169E-08
4.097E-07
1.934E-07
                                     13
                                                                   0.000E+00
                                                                                                                                                                                                                            0 000E+00
                                                                                                                                                                                                                                                                   0 000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                  0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                         3.473E-08
                                   14
15
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        6.169E-08
4.097E-07
                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                 16
17
                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                         1.934E-07
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
 Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                                                                                                                                                                                                                          11/07/95 09:41:42
                                                                                                                                                                                                                                                                                                                                                                                                Page -
                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                     3.557E-08
                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                 0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

                                                                                                                                            3.557E-08
                                                                                                                                                                                                                            0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                                                     3.557E-08
                                                                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        3.55/E-08
7.231E-09
7.231E-09
7.231E-09
1.314E-08
3.629E-08
6.134E-08
6.134E-08
1.276E-07
1.215E-07
1.215E-07
1.493E-07
1.493E-07
1.493E-07
2.634E-07
1.403E-07
1.403E-07
1.403E-07
1.28E-07
5.128E-07
5.387E-07
5.387E-07
5.387E-07
7.154E-07
4.572E-08
9.764E-07
1.056E-06
1.046E-07
1.346E-07
1.346E-08
1.075E-08
1.075E-07
6.455E-08
1.631E-08
2.091E-08
2.091E-08
2.230E-08
1.759E-08
1.759E-
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        7.231E-09
1.314E-08
3.629E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                              19
20
SOURCE #
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         6.134E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.276E-07
1.215E-07
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         1.493E-07
                                                                                                                                                                                                                                                                                                                                           0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.189E-08
2.543E-07
                                                                                                                                                                                                                                                                                                        2.634E-07
2.669E-08
2.777E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                         5.080E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.403E-07
2.411E-07
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                          5.128E-07
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        5.387E-07
7.154E-07
SOURCE #
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                         4.572E-08
                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        9.764E-07
1.056E-06
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                        1.046E-07
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        1.346E-07
7.336E-08
                                                                                                                                                                                                                                                                                                      7.336E-08
1.075E-07
6.455E-08
1.631E-08
2.091E-08
4.474E-08
9.909E-08
2.230E-08
1.759E-08
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                           0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        5.700E-09
1.219E-08
2.700E-08
                                                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        6.081E-09
1.711E-07
4.323E-08
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                       5.544E-08
1.186E-07
2.626E-07
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                         5.915E-08
                                                                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0 000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                        0 000E+00
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                                                                                                                                           11/07/95 09:41:42 Page -
                                           SUM = 0.000E+00 0.000E+00 8.997E-06 8.997E-06 0.000E+00 0.000E+00 8.997E-06 0.000E+00
              POLLUTANT NAPTH ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 1.400E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 4.000E-03
                                                                                                                                                                                                                                        LIVER
                                                                                                                                                                                                                                                                                                                         RESP
                                                                                                                                                                                                                                                                               REPRO
                                                                                                                                                         IMMUN
                                                                                                     0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                          0.000E+00
0.000E+00

    0.000E+00
    0.000E+00
    0.000E+00

    0.000E+00
    0.000E+00
    0.000E+00

    0.000E+00
    0.000E+00
    0.000E+00

                                                                   0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                       3
4
5
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
SOURCE #
**ICE #
**SOURCE #
SOURCE #
                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                       6
7
8
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                   0.000E+00
                                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                    10
                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                    11
12
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                           0.000£+00
                                           0.000E+00
                                                           0.000E+00
                                                                          0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0,000E+00
                                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
              20
                           0.000E+00
                                                                                                                                          0.000E+00
              21
                                                           0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
   TRCE #
                           0.000E+00
              22
23
24
                           U.000E+00
                                                                                          0.000E100
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0,000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
   RCE #
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
JRCE #
                                           0 000E+00
                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0 000E+00
                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
              26
                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                           0.000E+00
              27
                                                                                                                                          0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                           0.000E+00
0.000E+00
                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
              29
                           0 000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
              30
SOURCE #
                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                           0.000E+00
SOURCE #
              32
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
SOURCE #
              35
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
              36
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                           0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
              37
                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
SOURCE #
              38
                                                           0.000E+00
0.000E+00
0.000E+00
                           0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0 000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
SOURCE #
SOURCE #
                                                                                                          0.000E+00
              40
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
              41
                                                                                                                                          0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
              42
                           0.000E+00
SOURCE #
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 267
GOLDEN OUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                          PM10
                                                            Output File: g:\ace\GQ91\GQFACE.OUT
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0 000E+00
                                                                           0,000E+00
                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
              45
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                           0.000E+00
SOURCE #
                                                                                                          0.000E+00
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
               48
               49
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
SOURCE #
                           0.000E+00
                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
              51
52
                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                          0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                           0.000E+00
SOURCE #
                                                                                                                          D.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
SOURCE #
               53
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
              54
55
SOURCE #
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
                                                           0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                           0.000E+00
                                                                           0,000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
SOURCE #
               57
                                                                                                                          0.000E+00
0.000E+00
SOURCE #
               58
                           0.000E+00
                                           0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                           0.000E+00
0.000E+00
0.000E+00
SOURCE #
               59
                           0.000E+00
                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                           0.000E+00
 OURCE #
               60
                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          O. OUUETOD
               61
                            0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                                                                           0.000E+00
               62
                            0.000E+00
                                                           0.000E+00
                           0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0 D00E+00
SOURCE #
               63
                                                                                                                                          0.000E+00
               64
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.0005+00
                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
               65
                            0.000E+00
                                            0.000E+00
                           0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.DD0E+00
SOURCE #
                                                           0.000E+00
               66
67
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                           0.000E+00
0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                           0.000E±00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
SOURCE #
                            0.000E+00
                                            0.0005+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                                                          0 000E+00
                                                                                                                                          0.000E+00
                                                                                                           0.000E±00
                                            0.000E+00
                                                           0.000E+00
                                                                           6 000E+00
                                                                                           0.000E+00
                           0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 5.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT Se
                                                                                                LIVER
                                                                                                                REPRO
                                                                                                                                 RESP
                                                                                                                                                 SKIN
                                                                                                                                          0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          D.000E+00
SOURCE #
SOURCE #
                                                           0 000E+00
                1 2
                           0.000E+00
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                           0,000E+00
                                            0.000E+00
                3 4 5
                                                                           0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
SOURCE #
                           0.000E+00
                                            0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                6
7
8
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                                          0.000E+00
0.000E+00
                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
SOURCE #
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                            0.000E+00
                                                           0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
SOURCE #
                                                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
SOURCE #
               11
                                                                                                                          0.000E+00
                                                                                                           0.000E+00
               īž
                           0,000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                           0.000E+00
0.000E+00
                            0,000E+00
                                                            0.000E+00
                                                            0,000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
              14
15
                            0 000E+00
                                                                                                                                          0.000E+00
                                            0.000E+00
                                                            0,000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                            0.000E+00
SOURCE #
              17
                            0.000E+00
                                            0.000E+00
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
Input File: g:\ace\GQ91\GQPACE.DAT
Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                  11/07/95 09:41:42
                                                                                                                                                              Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
SOURCE #
SOURCE #
                                                                                           0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                            0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               19
                            0.000E+00
                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           n none+on
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               21
                            0.000E+00
                                            0.000E+00
                                                           0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
URCE #
IRCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               22
23
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
               24
25
26
                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                            0.000E+00
                                            0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0,000E+00
                                                                                                           0.000E+00
                                                                                                                                           0 000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                                                                                          0.000E+00
                                                           0.000E+00
               28
29
                                            0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
```

```
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
SOURCE #
                                                   0.000E+00
                                                                     0.000E+00
                                                                                        0.000E+00
                                0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
                 31
                                0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                           0.000E+00
                                                                                                                              0.000E+00
   YRCE #
                 33
                                0.000E+00
                                                                     0.000E+00
                                                                                                           0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
RCE #
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
                                                                                        0.000E+00
                 34
35
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                 36
37
                                0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
                                                                      0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                0.000E+00
                                                   0.000E+00
                                                                                                                              0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                0.000E+00
0.000E+00
                 39
                 40
                                                                      0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                 42
43
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                 44
                                                                                                                                                                    0.000E+00
SOURCE #
                 45
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                 46
                                0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                 47
                                                                                                                                                                    0.000E+00
                 48
                 49
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                  0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                                                    0.000E+00
                               0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                 51
52
                                                   0.000E+00
                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                 53
54
55
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                 56
57
58
                                                  0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                 59
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
                 60
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                 61
                                0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                 62
                                                   0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                    0.000E+00
SOURCE #
                 64
65
66
                                0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                                                                      0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
                                                                      0.000E+00
                                                                                         0.000E+00
               68
                                                   0.000E+00
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                           PM10
                                                                                                                                                          11/07/95 09:41:42
                                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                                             Page ·
Input File: g:\ace\GQ91\GQPACE.DAT
                    SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                                   0.000E+00
                              ACCEPTABLE EXPOSURE LEVEL (ug/m3) - 2.000E+02 BACKG. (ug/m3) - 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
      FOLLUTANT TOL.
                                                                                                KIDN
                                                                                                                 LIVER
                                                                                                                                    REPRO
                                                                                                                                                         RESP
                                                                                                                                                                            SKIN
                                                           CNS
                                                                            IMMUN
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
                                                  0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                  12345678
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                  0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                0.000E+00
                                                                      0.000E+00
                                                                                                            0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                   0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                0.000E+00
                                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                 11
12
                                                                                                                                                                   0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                                            0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                 14
15
                                                                                                                              0.000E+00
```

SOURCE # SOU 0.000E+00 17 0.000E+00 0.000E+00 0.000E+00 18 19 0.000E+00 21 22 23 24 0.000E+00 25 0.000E+00 26 27 0.000E+00 28 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 SOURCE #
SOURCE # 0.000E+00 30 31 0.000E+00 0,000E+00 SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
COURCE #
IRCE #
IRCE # 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 32 0.000E+00 0.000E+00 0.000E+00 33 34 35 0.000E+00 36 37 0.000E+00 39 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 40 0.000E+00 SOURCE # 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 270

```
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
              44
45
                                                                                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                            0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                             0.000E+00
                                                            0.000E+00
    RCE #
              46
                                            0.000E+00
                            0.000E+00
                                                                                                                                             0.000E+00
                                                                                                            0.000E100
                                                                                                                             0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
   RCE #
                            0.000E+00
                                                            0 000E+00
               48
                                                                                            0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                             0.000E+00
SOURCE #
              49
50
                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                            0.000E+00
               51
                            0.000E+00
                                            0.000E+00
0.000E+00
                                                                                                                             0 000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
              52
53
                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
               54
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                            0.000E+00
SOURCE #
SOURCE #
              55
56
                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
               57
                                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
              58
59
SOURCE #
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                            0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
               60
                                                                                             0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                                                                                                             0.000E+00
SOURCE #
              61
62
                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                            0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
               63
                            0.000E+00
                                            0.000E+00
SOURCE #
                                                                                                                                             0.000E+00
                            0.000E+00
0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
              64
65
SOURCE #
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                            0.000E+00
SOURCE #
                                                                                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
SOURCE #
               66
                            0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                            0.000E+00
SOURCE #
               67
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                             0.000E+00
                            0.000E+00
                                            0.000E+00
                                                             0-000E+00
                                                                                                                             0 000E+00
                                                                                                                                             0.000E+00
                                                                                             0 000E+00
                                                                                                             0.000E+00
                                             0.000E+00
                                                            0.000E+00
                                                                            0.000E+00
                 SUM =
                            0.000E+00
                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.000E+02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLILITANT XYLEN
                                                                                                                  REPRO
                                                                 TMMUN
                                                                                   KIDN
                                                                                                  LIVER
                                                    CNS
                                                                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                             0.000E+00
                            0.000E+00
                                            0.000E+00
                                                            0.000E+00
                                                                             0.000E+00
SOURCE #
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                             0.000E+00
SOURCE #
                3 4 5
                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                                             0 000E+00
SOURCE #
                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                             0.000E+00
                                            0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
SOURCE #
                6
7
8
9
                            0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                                              0.000E+00
                                                            0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0 000E+00
                                            0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
SOURCE #
              10
11
                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                             0.000E+00
                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
 RCE #
               12
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E100
                                                                                                             0.000E+00
               13
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                             0.000E+00
                                             0.000E+00
                            0.000E+00
    RCE #
               14
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                             0.000E+00
SOURCE #
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
               16
                                                                                                                                              0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
 SOURCE #
                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                             PM10
                                                              Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                      11/07/95 09:41:42
                                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
SOURCE #
SOURCE #
                                             0.000E+00
                                                             0.000E+00
                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                             0.000E+00
                            0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                            0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                            0.000E+00
               21
22
 SOURCE #
                                                                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                             0 000E+00
                            0.000E+00
SOURCE #
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
               23
24
25
                                                                                             0.000E+00
                            0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
0.000E+00
                            0.000E+00
 SOURCE #
                                                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
 SOURCE #
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                             0.000E+00
                                                             0.000E+00
               26
27
                            0.000E+00
                                             0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
 SOURCE #
                            0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                             0.000E+00
               28
 SOURCE #
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                             0.000E+00
               29
                            0.000E+00
 SOURCE #
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
 SOURCE #
               30
                            0.000E+00
                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
 SOURCE #
               31
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
               32
                                             0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
 SOURCE #
               33
                            0.000E+00
                                             0.000E+00
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
 SOURCE #
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
               34
35
                                                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
 SOURCE #
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
 SOURCE #
               37
                                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
               38
                            0.000E+00
                                             0.000E+00
                                                                             0.000E+00
 SOURCE #
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
 SOURCE #
               39
                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
0.000E+00
 SOURCE #
                            0.000E+00
               40
                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               41
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
 SOURCE #
                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                            0.000E+00
0.000E+00
               43
                                                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
               44
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
               45
                            0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
 SOURCE #
SOURCE #
               46
                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
               49
50
                            0.000E+00
 SOURCE #
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
0.000E+00
 SOURCE #
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
               51
52
53
                             0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
  JRCE #
JRCE #
JURCE #
                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
               54
55
56
                                                                              0.000E+00
                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
 SOURCE #
SOURCE #
                            0.000E+00
0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                             0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
 SOURCE #
                            0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

SOURCE #

0.000E+00

```
SOURCE #
SOURCE #
                                                   0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                    0.000E+00
                                0=000E+00
                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                 61
                                 0-000E+00
                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
   VRCE #
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E:00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
     KCE #
                                 0.000E+00
RCE #
SUURCE #
SOURCE #
SOURCE #
                                                                                                                               0.000E+00
                                                                                                                                                                     0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                 64
65
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                   0.000E+00
0.000E+00
                 67
                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                 68
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10
                                                                                                                               * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQPACE.DAT
                                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                           11/07/95 09:41:42 Page - 272
                                                                                                                                                  0.000E+00 0.000E+00
                    SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                  ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.500E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
      POLLUTANT Zn
                                                             CNS
                                                                                                KIDN
                                                                                                                  LIVER
                                                                                                                                    REPRO
                                                                                                                                                         RESP
                                                                                                                                                                            SKIN
                                                                            IMMUN
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                              0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                 0.000E+00
                                                  0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                 0,000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                   2
3
4
5
                                                                                                                                                                     0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                   6
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                   8
                                                                                                                                                                     0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                 10
                                 0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                 11
                                                                                                            0.000E+00
                                                                                                                                                                     0.000E+00
                                0.000E+00
0.000E+00
                 12
13
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                 0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                 15
16
                                 0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                 0.000E+00
                                                                                         0.000E+00
                                                                      0.000E+00
0.000E+00
                 17
                                0.000E+00
                                                   0.000E+00
                                                                                         0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                 18
19
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                         0.000E+00
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                 20
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                 21
22
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                 23
24
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                 25
                                 0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E100
    RCE #
                                                                                                                              0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                 26
27
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
    RCE #
                                                                                                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                    0.000E100
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                 0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                 29
30
31
                                0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                                    0,000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.00DE+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                 32
33
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
SOURCE #
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                 35
                                0.000E+00
                                                   0.000E+00
                                                                                         0.000E+00
                                                                                                            0.0002+00
                                                  0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                            0.000E+00
                 36
37
                                0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                 0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                 39
                                0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+D0
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                 40
                                                                                                                               0.000E+00
                 41
                                 0.000E+00
                                                   0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                 42
                                 0.0002+00
                                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, PM10 Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQFACE.DAT
                                                                                                                               * OUTFUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:41:42 Page - 273
                                                                        Output File: g:\ace\GQ91\GQPACE.OUT
                                                                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                 0.000E+00
                                                  0.000E+00
                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                            0.000E+00
                 44
                                0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                 46
                                 0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                 47
                                                                                                                                                                     0.000E+00
                 48
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                 49
                                 0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                 50
51
52
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                 53
54
55
                                                  0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                 56
57
58
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                0.000E+00
                                                                                                            0.000E+00
                                                   0.000E+00
                                                                                                            0.000E+00
                                0.000E+00
0.000E+00
                                                   0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                 59
                                0.000E+00
                                                  0.000E+00
                 60
61
                                                   0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                     0.000E+00
                 62
                                0.000E+00
                                                   0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
                                                                       0.000E+00
                 63
64
65
                                0.000E+00
0.000E+00
                                                    0.000E+00
                                                                                          0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                       0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
JRCE #
SOURCE #
SOURCE #
                                                                       0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                            0.000E+00
                 66
67
                                 0.000E+00
                                                    0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                                                             0.000E+00
                                                                      0.000E+00
                                                                                          0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                    SUM = 0.000E+00 0.000E+00
                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                     0.000E+00
```

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 274

*** SUMMARY OF MAXIMUM PREDICTED RISKS ***

CANCER RISK ASSESSMENT

SIGNIFICANT RISK LEVEL = 1.000E-06 IMPACT ZONE RISK LEVEL = 1.000E-07 MAXIMUM PEAK RISK = 2.042E-06 PREDICTED AT RECEPTOR # 134 TOTAL EXCESS BURDEN = 0.000E+00

8 RECEPTORS WITH RISK EXCEEDING SIGNIFICANT RISK LEVEL OF 1.000E-06

126 127 128 132 133 134 242 244

ACUTE EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX = 0.5000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT = 0.0157
PREDICTED AT RECEPTOR # 40

O RECEPTORS WITH HAZARD INDEX .GE. 0.5000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

CHRONIC EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX = 0.5000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT = 0.0287
PREDICTED AT RECEPTOR # 69

O RECEPTORS WITH HAZARD INDEX .GE. 0.5000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, PM10 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQPACE.DAT Output File: g:\ace\GQ91\GQPACE.OUT 11/07/95 09:41:42 Page - 275

*** END OF ACE2588 SIMULATION ***



APPENDIX H

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 1

***** A C E 2 5 8 8 --- ASSESSMENT OF CHEMICAL EXPOSURE FOR AB 2588 --- VERSION 93288-ACE2 *****

*** A MULTI-SOURCE, MULTI-POLLUTANT, MULTI-PATHWAY RISK ASSESSMENT MODEL
DEVELOPED BY APPLIED MODELING INC. AND SANTA BARBARA COUNTY APCD ***

Distributed and Maintained by CAPCOA

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 2

*** INPUT MODELING PARAMETERS ***

IDODIS = 1 ==> ISCST DISPERSION MODELING WITH SEQUENTIAL METEOROLOGY ANNUAL CONCENTRATIONS COMPUTED AS AVERAGES OF 1-HOUR CONC.

IDORISK = 0 ==> FULL MODEL RUN FOR RISK ASSESSMENT FROM ALL SOURCES AT ALL RECEPTORS

IDOACU = 1 ==> NONCANCER ACUTE EXPOSURE PERFORMED

IDOPRT = 0 ==> DIAGNOSTIC PRINT OUTPUT NOT CREATED

IDENTIFICATION NUMBERS OF MODELED POLLUTANTS:

1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998

GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 3

*** POLLUTANT-SPECIFIC DATA ***

ME	SYMBOL	NUM	UNIT RISK (ug/m3)-1	POTENCY (mg/kg-d)		CHRONIC AE: (ug/m3)	L ORAL DOSE (mg/kg-d)	cv	CHR		C TO			INTS SK							INTS RE	
Acetaldehyde	ACETA	. 1	2.70E-06	0.00E+00	0.00E+00	9.00E+00	0.00E+00	0	0	0	0) () 1	0	0	0	0	0	0	0	0	0
Acrolein	ACROI	, 3	0.00E+00	0.00E+00	2.50E+00	2.00E-02	0.00E+00	0	0	0	0) () 1	0	0	0	0	0	0	0	1	0
Arsenic	As	10	3.30E-03	1.70E+00	0.00E+00	5.00E-01	1.00E-03	1	1	0	0) () 1	1	0	0	0	0	0	0	0	0
Benzene	BENZI	13	2.90E-05	0.00E+00	0.00E+00	7.10E+01	0.00E+00	0	1	0	0) (0 (0	0	0	0	0	0	0	0	0
Beryllium	Be	17	2.40E-03	4.30E+00	0.00E+00	4.80E-03	5.00E-03	0	0	0	0) () 1	0	0	0	0	0	0	0	0	0
Cadmium	Cd	22	4.20E-03	0.00E+00	0.00E+00	3.50E+00	1.00E-03	0	0	0	1) () 1	0	0	0	0	0	0	0	0	0
Chromium (hex.)	Cr	36	1.40E-01	4.20E-01	0.00E+00	2.00E-03	5.00E-03	0	0	0	1	1 () 1	0	0	0	0	0	0	0	0	0
Copper	Cu	38	0.00E+00	0.00E+00	1.00E+01	2.40E+00	0.00E+00	0	0	0	0) () 1	0	0	0	0	0	0	0	1	0
Formaldehyde	HCHO	70	6.00E-06	0.00E+00	3.70E+02	3.60E+00	0.00E+00	0	0	0	0) (1	0	0	0	0	0	0	0	1	0
Hydrogen cyanide	HCN	79	0.00E+00	0.00E+00	3.30E+03	7.00E+01	0.00E+00	0	1	0	0) (0	0	0	1	0	0	0	0	0	0
Lead	Pb	83	8.00E-05	0.00E+00	0.00E+00	1.50E+00	4.30E-04	1	1	1	1) :	0 1	0	0	0	0	0	0	0	0	0
Manganese	Mn	85	0.00E+00	0.00E+00	0.00E+00	4.00E-01	0.00E+00	0	1	0	0) () 1	0	0	0	0	0	0	0	0	0
Mercury	Hg	87	0.00E+00	0.00E+00	3.00E+01	3.00E-01	3.00E-04	1	1	0	1	1 () 1	0	0	1	0	1	1	0	0	0
Nickel	Ni	111	2.60E-04	0.00E+00	1.00E+00	2.40E-01	0.00E+00	0	0	1	1) (1	0	0	0	1	0	0	0	0	0
Naphthalene	NAPTI		0.00E+00	0.00E+00	0.00E+00	1.40E+01	4.00E-03	1	0	0	0) (0 0	0	0	0	0	0	0	0	0	0
	HC PAH	130	1.70E-03	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0	0	0	0) (0 0	0	0	0	0	0	0	0	0	0
Propylene	PROPI		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0
Selenium	Se	137	1.40E-04	0.00E+00	2.00E+00	5.00E-01	0.00E+00	0	0	0	0	0 () 1	0	0	0	0	0	0	0	1	0
Toluene	TOL	145	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00	0	1	0	0	0 :	L O	0	0	0	0	0	0	0	0	0
Xylene	XYLE			0.00E+00	4.40E+03	3.00E+02	0.00E+00	0	0	0	0	0 :	1 1	0	0	0	0	0	0	0	1	0
Zinc	Zn	152		0.00E+00	0.00E+00	3.50E+01	0.00E+00	1	0	0	0	0 () 1	0	0	0	0	0	0	0	0	0
NonToxic PM10	NTXP		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF MODELED POLLUTANTS = 22

NUMBER OF CARCINOGENIC POLLUTANTS = 13

1 10 13 17 22 36 70 83 111 130 137

NUMBER OF MULTIPATHWAY POLLUTANTS = 8

10 17 22 36 83 87 110 130

NUMBER OF POLLUTANTS WITH ACUTE NON-CANCER RISK = 8

3 38 70 79 87 111 137 151

MAXIMUM NUMBER OF ACUTE TOXICOLOGICAL ENDPOINTS = 3

NUMBER OF POLLUTANTS WITH CHRONIC NON-CANCER RISK = 19

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 4

MAXIMUM NUMBER OF CHRONIC TOXICOLOGICAL ENDPOINTS =

REQUIRED TOTAL ARRAY SIZE = 1331352 WORDS

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 5

*** INPUT SOURCE EMISSION RATES ****

	FOR SOURCE # OPERATING HOURS	1 DRILLING_PIT1 = 8760.00	SURFACE AREA (m2) =	2.560E+04	DEPOSITION ADJUST.	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR (g/s)	RATE	ANNUAL I	RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151	(g/s) 0.000E+00 0.000E+00 3.382E-07 0.000E+00 2.040E-07 1.220E-08 1.983E-09 0.000E+00	(1b/hr) 0.000E+00 0.000E+00 2.684E-06 0.000E+00 1.619E-06 9.683E-08 1.574E-08 0.000E+00	(g/s) 0.000E+00 0.000E+00 3.111E-08 0.000E+00 5.050E-09 1.117E-09 2.060E-10 0.000E+00	(1b/yr) 0.000E+00 0.000E+00 2.163E-03 0.000E+00 3.511E-04 7.766E-05 1.432E-05 0.000E+00		
Addition of the second					DEPOSITION ADJUST.			
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (1b/hr)	ANNUAL :	RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu	1 3 10 13 17 22 36 38	0.000E+00 0.000E+00 5.284E-07 0.000E+00 3.187E-07 1.906E-08 3.099E-09 0.000E+00	0.000E+00 0.000E+00 4.194E-06 0.000E+00 2.529E-06 1.513E-07 2.460E-08 0.000E+00	0.000E+00 0.000E+00 4.861E-08 0.000E+00 7.891E-09 1.746E-09 3.218E-10 0.000E+00	0.000E+00 0.000E+00 3.380E-03 0.000E+00 5.486E-04 1.214E-04 2.237E-05 0.000E+00		
GOLDEN QU Input Fi	UEEN MINING - SOI le: g:\ace\GQ91\0	LEDAD MTN PROJECT	- ALL RECEPTORS, 199 Output File: g:\	1 MET, TSP ace\GQ91\GQTPA	* OUTPUT OF AMI/	SBCAPCD ACE2 11/07/95	588 MODEL 09:51:16	VERS. 93288 * Page - 6
	HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	70 79 83 85 87 111 110 130 134 137 145 151 152	0.000E+00 0.000E+00 1.843E-07 0.000E+00 0.000E+00 1.612E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.463E-06 0.000E+00 1.279E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.090E-08 0.000E+00 0.000E+00 1.513E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.578E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.475E+01		
	FOR SOURCE # OPERATING HOURS		SURFACE AREA (m2) =	1.225E+05	DEPOSITION ADJUST.	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (lb/hr)	ANNUAL (g/s)	RATE (lb/yr)		
)	ACETA ACROL As BENZE Be Cd Cr Cu	1 3 10 13 17 22 36 38	0.000E+00 0.000E+00 1.618E-06 0.000E+00 9.760E-07 5.837E-08 9.491E-09 0.000E+00	0.000E+00 0.000E+00 1.284E-05 0.000E+00 7.746E-06 4.633E-07 7.533E-08 0.000E+00	0.000E+00 0.000E+00 1.489E-07 0.000E+00 2.417E-08 5.347E-09 9.856E-10 0.000E+00	0.000E+00 0.000E+00 1.035E-02 0.000E+00 1.680E-03 3.717E-04 6.852E-05 0.000E+00		

```
0.000E+00
0.000E+00
3.338E-08
0.000E+00
4.634E-09
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00

0.000E+00

4.935E-08

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

1.898E-02
                                                                                                                                                                                                                                                                      0.000E+00
3.917E-07
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
3.222E-04
                                     Hg
Ni
                                                                                                                              111
110
130
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                      NAPTH
                                                                                                                                                                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                       0.000E+00
                                     PAH
                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                      PROPL
                                                                                                                               137
                                                                                                                                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
1.971E-03
                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                     TOL
                                                                                                                               145
                                                                                                                               151
                                     XYLEN
                                                                                                                               152
                                       Zn
                                                                                                                                                                                                                                                                    1.506E-01
                                                                                                                                                                                                                                                                                                                                                                                                                 1.370E+02
                                     NTXPM
                                                                                                                              998
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 7
                                     FOR SOURCE # 4 DRILLING PIT4
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 1.225E+05 DEPOSITION ADJUST, FACTOR = 1.00000
                                                                                                                                                                                               1-HOUR RATE
(g/s) (1b/hr) (g/s) (1b/yr)

0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00 0.000E+00
1.618E-06 1.284E-05 1.489E-07 1.035E-02
0.000E+00 0.000E+00 0.000E+00 0.000E+00
2.760E-07 7.746E-06 2.417E-08 1.680E-03
5.837E-08 4.633E-07 5.347E-09 3.717E-04
9.491E-09 7.533E-08 9.856E-10 6.852E-05
0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                      POLLUTANT NAME POLLUTANT NUMBER
                                                                                                                                                                                                                                     1-HOUR RATE
                                      ACETA
                                      ACROL
                                                                                                                                  10
13
17
22
36
38
70
79
                                     As
BENZE
                                      Ве
                                      Cr
                                      Cu
                                      HCN
                                       Pb
                                     Hg
Ni
                                       NAPTH
                                                                                                                               110
130
                                       PAH
                                       PROPL
                                                                                                                               134
                                                                                                                               137
                                                                                                                               145
151
                                      TOL
                                      XYLEN
                                                                                                                               152
                                       NTXPM
                                      FOR SOURCE # 5 DRILLING PIT5
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 1.225E+05 DEPOSITION ADJUST. FACTOR = 1.00000
                                                                                                                                                                                                                              1-HOUR RATE
                                                                                                                                                                                                                                                                                                                                                                            ANNUAL RATE
                                      POLLUTANT NAME POLLUTANT NUMBER
                                                                                                                                                                                                                                                                         (lb/hr)
                                                                                                                                                                                                                                                                                                                                                    (g/s)
                                                                                                                                                                                                                  (g/s)
                                                                                                                                                                                                                                                                                                                                                                                                                          (lb/yr)
ACETA 1 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 ACROL 3 0.000E+00 
                                                                                                                                                                                             0.000E+00
0.000E+00
4.634E-09
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                               87
111
                                                                                                                                                                                                                                                                                                                                                                                                                  3.222E-04
0.000E+00
                                       NAPTH
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                               130
                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                               134
                                        PROPL
                                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
1.971E-03
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                       Se
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                       XYLEN
                                                                                                                               151
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
1.370E+02
                                        Zn
                                        NTXPM
                                      FOR SOURCE # 6 OPERATING HOURS = DRILLING PIT6 STREAM (m2) = 4.000E+04 DEPOSITION ADJUST. FACTOR = 1.00000
                                      POLLUTANT NAME POLLUTANT NUMBER
                                                                                                                                                                                                                                                                                                                                                                               ANNUAL RATE
                                                                                                                                                                                                                                     1-HOUR RATE
                                                                                                                                                                                                                  (g/s) (lb/hr)
                                                                                                                                                                                                                                                                                                                                                       (g/s) (lb/yr)

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        5.284E-07
        4.194E-06
        4.861E-08
        3.380E-03

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

                                       ACETA
                                        ACROL
                                        As
                                        BENZE
```

0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.644E-07 4.479E-06 0.000E+00 0.000E+00

HCN Pb

Μn

85 87

0.000E+00

0.000E+00

0.000E+00 2.321E-03 0.000E+00

```
2.529E-06
                                                                                                                                                                                                                  7.891E-09
                                                                                                                           3.187E-07
                                                                                  17
22
36
38
70
79
83
                                                                                                                                                                     1.513E-07
2.460E-08
0.000E+00
                                                                                                                                                                                                                   1.746E-09
3.218E-10
0.000E+00
                                                                                                                                                                                                                                                               1.214E-04
2.237E-05
0.000E+00
                                                                                                                           1.906E-08
3.099E-09
                      Cd
                                                                                                                            0.000E+00
                      Cu
HCHO
HCN
                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
1.463E-06
0.000E+00
1.279E-07
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
7.578E-04
0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                            0,000E+00
                                                                                                                          0.000E+00
1.843E-07
                                                                                                                                                                                                                    1.090E-08
                       Pb
                                                                                                                                                                                                                   0.000E+00
                                                                                                                         0.000E+00
                       Μn
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                                                                               87
111
                                                                                                                         0.000E+00
1.612E-08
                       Hg
                                                                                                                                                                                                                   1.513E-09
0.000E+00
                                                                                                                                                                                                                                                               1.052E-04
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                       NAPTH
                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                                                                               130
134
                                                                                                                            0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                       PROPL
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                   0.000E+00
0.000E+00
                       Se
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                       XYLEN
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                   0.000E+00
6.437E-04
                                                                                                                           0.000E+00
                                                                                                                                                                       0.000E+00
4.919E-02
                       Zn
                       NTXPM
                                                                                                                           6.198E-03
                       FOR SOURCE # 7 OPERATING HOURS = 0 DRILLING PIT7
OPERATING HOURS = 0 DRILL
                                                                                                                                 1-HOUR RATE ANNUAL RATE (g/s) (lb/hr) (g/s) (lb/yr)
                       POLLUTANT NAME POLLUTANT NUMBER
                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                                   0.000E+00
                      ACETA
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OI Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
UT 11/07/95 09:51:16 Page - 9
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                                                                                                             0.000E+00
                       ACROL
                                                                                                                                                                                                              4.861E-08
0.000E+00
                                                                                                                                                                                                                                                                3.380E-03
0.000E+00
                                                                                                                                                                       4.194E-06
0.000E+00
                                                                                                                             5.284E-07
                       As
                                                                                                                            0.000E+00
3.187E-07
1.906E-08
                       BENZE
                                                                                  13
17
22
36
38
70
79
83
85
87
                                                                                                                                                                       2.529E-06
1.513E-07
2.460E-08
                                                                                                                                                                                                                                                                5.486E-04
1.214E-04
2.237E-05
                                                                                                                                                                                                                    7.891E-09
                       Ве
                                                                                                                                                                                                                    1.746E-09
3.218E-10
                       Cd
                                                                                                                            3.099E-09
0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                    0.000E+00
                        Cu
                                                                                                                                                                       0.000E+00
0.000E+00
1.463E-06
0.000E+00
0.000E+00
1.279E-07
0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                       нсно
                                                                                                                            0.000E+00
                                                                                                                          0.000E+00
1.843E-07
0.000E+00
                                                                                                                                                                                                                                                                7.578E-04
0.000E+00
                                                                                                                                                                                                                    1.090E-08
                        Pb
                                                                                                                                                                                                                    0.000E+00
0.000E+00
1.513E-09
0.000E+00
0.000E+00
                       Mn
                                                                                                                          0.000E+00
1.612E-08
0.000E+00
                        Hg
                                                                                                                                                                                                                                                                 1.052E-04
                                                                                111
110
                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                       NAPTH
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                130
134
                                                                                                                                                                                                                                                                0.000E+00
                        PROPL
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                    0.000E+00
0.000E+00
                        Se
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                       XYLEN
                                                                                 151
                                                                                                                                                        0.000E+00
4.919E-02
                                                                                                                           0.000E+00
                        Zn
                                                                                                                                                                                                                    6.437E-04
                        NTXPM
                                                                                                                          6.198E-03
                       FOR SOURCE # 8 DRILLING PIT8
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 4.000E+04 DEPOSITION ADJUST. FACTOR = 1.00000
                                                                                                                                                                                                                                         ANNUAL RATE
                        POLLUTANT NAME POLLUTANT NUMBER
                                                                                                                                                 1-HOUR RATE
                                                                                                                                                                                                                      (g/s)
                                                                                                                                   (g/s) (lb/hr)
                                                                                                                                                                                                                                                                      (lb/yr)
                                                                                                                                                                                                     0.000E+00
0.000E+00
4.861E-08
0.000E+00
7.891E-09
1.746E-09
3.218E-10
0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
4.194E-06
0.000E+00
2.529E-06
1.513E-07
2.460E-08
0.000E+00
                        ACETA
                                                                                                                                                                                                                                                                0.000E+00
3.380E-03
0.000E+00
                                                                                                                             0.000E+00
                        ACROL
                                                                                                                           0.000E+00
5.284E-07
0.000E+00
3.187E-07
1.906E-08
3.099E-09
0.000E+00
0.000E+00
1.843E-07
                                                                                   10
13
17
22
36
38
70
79
83
                        BENZE
                                                                                                                                                                                                                                                                5.486E-04
1.214E-04
                       Be
Cd
                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
1.463E-06
0.000E+00
0.000E+00
1.279E-07
                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                7.578E-04
0.000E+00
                                                                                                                                                                                                                    1.090E-08
                        Pb
                                                                                                                                                                                                                    0.000E+00
0.000E+00
1.513E-09
0.000E+00
0.000E+00
                                                                                 85
87
111
                                                                                                                            0.000E+00
0.000E+00
1.612E-08
                        Μn
                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                 1.052E-04
0.000E+00
                        Ni
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                        NAPTH
                                                                                                                                                                                                                                                                 0.000E+00
                                                                                 130
134
                                                                                                                                                                                                                                                                 0.000E+00
                        PROPI.
                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
6.437E-04
                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                 0.000E+00
                        Se
                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
4.475E+01
                        XYLEN
                                                                                                                                                                        0.000E+00
4.919E-02
                                                                                                                             0.000E+00
                         Zn
                                                                                                                             6.198E-03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 10
```

FOR SOURCE # 9 DRILLING PIT9
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 5.625E+05 DEPOSITION ADJUST. FACTOR = 1.00000

POLLUTANT NAME POLLUTANT NUMBER 1-HOUR RATE ANNUAL RATE (g/s) (1b/hr) (g/s) (1b/yr)

```
0.000E+00
0.000E+00
6.836E-07
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                                                                  0.000E+00
                 ACETA
                                                                                                                             0.000£+00
5.897E-05
0.000E+00
                                                                                                                                                                                                  0.000E+00
4.753E-02
                                                                                             7.430E-06
0.000E+00
                 As
BENZE
                                                                                                                                                                                                  0.00DE+00
                                                                                                                             0.000E+00
3.137E-05
2.127E-06
3.459E-07
0.000E+00
0.000E+00
2.057E-05
0.000E+00
1.798E-06
0.000E+00
                                                                                                                                                                1.110E-07
2.455E-08
4.526E-09
0.000E+00
                                                                                             4,482E-06
2,680E-07
4,358E-08
                                                                                                                                                                                                  7.717E-03
1.707E-03
                                                              1/
22
36
38
70
79
83
85
                 B≅
Cd
                                                                                                                                                                                                  3.147E-04
                 Cr
Cu
                                                                                                                                                                                                  0.000E+00
                                                                                             0.000E+DD
                                                                                            0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                                  0.000E+00
                 HCHO
                                                                                            0.000E+00
2.592E-06
0.000E+00
                                                                                                                                                                                                  0.000E+00
1.066E-02
0.000E+00
                                                                                                                                                               0.000E+00
1.533E-07
                  HCN
                                                                                                                                                                0.000E+00
                                                                                          0.000E+00
0.000E+00
2.266E-07
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                 Mn
                                                                                                                                                                                                  0.000E+00
1.479E-03
0.000E+00
                                                              87
                                                                                                                                                                0.000E+00
2.128E-08
                 Hg
Ni
                                                            111
                                                                                                                                                                 0.000E+00
                  NAPTH
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                  0.000E+00
0.000E+00
                  PAH
                  PROPL
                                                            134
137
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                  0.000E+00
                 Se
TOL
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                            151
                  XYLEN
                                                             152
                                                                                                                                                                0.000E+00
                                                                                                                                                                                                  0.000E+00
                 Zn
NTXPM
                                                                                                                               6.917E-01
                                                                                                                                                                9 052E-03
                 FOR SOURCE # 10 DRILLING PIT10
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 2.209E+05 DEPOSITION ADJUST, FACTOR = 1.00000
                                                                                                                                  E (1b/hr) (g/
                  POLLUTANT NAME POLLUTANT NUMBER
                                                                                                             1-HOUR RATE
                                                                                                                                                                                ANNUAL RATE
                                                                                                                                                                  (g/s)
                                                                                                 (g/s)
                                                                                                                                                                                                      (lb/yr)

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        2.918E-06
        2.316E-05
        2.685E-07
        1.867E-02

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        1.760E-06
        1.397E-05
        4.358E-08
        3.030E-03

        1.053E-07
        8.357E-07
        9.643E-09
        6.704E-04

        1.711E-08
        1.358E-07
        1.777E-09
        1.235E-04

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00
        0.000E+00

        1.018E-06
        8.079E-06
        6.018E-08
        4.184E-03

                  ACETA
                  ACROL
                  As
BENZE
                                                              13
17
22
36
                 Be
Cd
                 Cr
                  HCHO
                  HCN
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Control File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
UT 11/07/95 09:51:16 Page - 11
                                                                                                                     0.000E+00
0.000E+00
7.063F-03
                                                                                                                                                        0.000E+00
                                                               87
                                                                                            0.000E+00
                 Hg
                                                                                          8.900E-08
0.000E+00
                                                                                                                               7.063E-07
0.000E+00
                                                            111
110
                 NAPTH
                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
3.423E-02
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
3.555E-03
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                  PAH
                  PROPL
                                                            134
137
                 Se
TOL
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
2.717E-01
                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                            151
152
                  XYLEN
                  NTXPM
                                                                                                                                                                                                  2.472E+02
                 FOR SOURCE # 11 DRILLING PIT11
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 4.000E+04 DEPOSITION ADJUST, FACTOR = 1.00000
                                                                                                POLLUTANT NAME POLLUTANT NUMBER
                                                                                           0.000E+00
                 ACROI.
                                                              10
13
17
22
36
38
70
79
                  As
                  BENZE
                 Be
                 Cr
                 HCHO
                  HCN
                                                              83
85
                  РЪ
                 Μn
                                                                                                                             0.000E+00
1.279E-07
0.000E+00
                                                                                                                                                                0.000E+00
1.513E-09
0.000E+00
                                                              87
                 Hg
                                                                                            1.612E-08
0.000E+00
0.000E+00
                                                            111
                                                            110
130
                                                                                                                                                                                                   0.000E+00
                 NAPTH
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                                                                  0.000E+00
0.000E+00
                  PAH
                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                            134
137
                  PROPL
                                                                                                                                                                                                   0.000E+00
                  Se
                 TOL
                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                             145
                                                                                                                               0.000E+00
                                                                                                                                                               0.000E+00
                                                                                           0,000E+00
0,000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                  XYLEN
                  Z_{D}
                 NTXPM
                                                                                                                                4.919E-02
                                                                                                                                                                 6.437E-04
                                                                                                                                                                                                   4.475E+01
                 FOR SOURCE # 12 BLASTING PIT1
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 1.000E+00 DEFOSITION ADJUST. FACTOR = 1.00000
                                                                                                             1-HOUR RATE (lb/hr)
```

(g/s)

ANNUAL RATE

(g/s)

(lb/yr)

POLLUTANT NAME POLLUTANT NUMBER

	ACETA	1	0.000E+00	0.000E+00	0.000£+00	0.000E+00	
GOLDEN Q	UEEN MINING - SOL le: g:\ace\GQ91\G	EDAD MTN PROJECT - COTPACE.DAT	Output File:	g:\ace\GQ91\GQTPA	CE, OUT	AMI/SBCAPCD ACE2588 MODEI 11/07/95 09:51:16	VERS, 93288 * 5 Page - 12
	ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mm Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 4.634E-03 0.000E+00 5.461E-03	0.000E+00 3.678E-02 0.000E+00 4.334E-02 1.286E-03 4.215E-04 0.000E+00 0.000E+00 2.506E-02 0.000E+00 2.192E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.203E-05 0.000E+00 5.180E-06	0.000E+00 2.227E+00 0.000E+00 3.601E-01 8.002E-02 1.474E-02 0.000E+00	
	OPERATING HOURS	BLASTING PIT2 8760.00 S	URFACE AREA (m2)	= 1.000E+00	DEPOSITION ADJU	UST. FACTOR = 1,00000	
			(0/c)	(1h/he)	(p/s)	(lb/yr)	
GOLDEN Q	XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 1.062E+02	0.000E+00 0.000E+00 3.679E-02 0.000E+00 4.334E-02 1.286E-03 4.215E-04 0.000E+00 0.000E+00 2.506E-02 0.000E+00 2.192E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.583E+00	0.000E+00 0.000E+00 8.315E+00 0.000E+00 1.345E+00 2.987E-01 5.504E-02 0.000E+00	L VERS. 93288 *
Input Fi	1e: 8:/ace/GQ91/C	AQIFACE.DAI	Output File:	g: \208\0Q91\0Q1FA	CE,001	11/0//93 09:31:10	o rage - 13
	FOR SOURCE # 1	L4 BLASTING_PIT3 = 8760.00 S	URFACE AREA (m2)) = 1.000E+00	DEPOSITION ADJ	UST. FACTOR = 1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-F	OUR RATE		UAL RATE	

POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE	ANNUAL	RATE
		(g/s)	(lb/hr)	(g/s)	(lb/yr)
ACETA	1 3	0.000E+00	0.000E+00	0.000E+00	0,000E+00
ACROL		0.000E+00	0.000E+00	0.000E+00	0.000E+00
As	10	4.634E-03	3.678E-02	5.982E-05	4.159E+00
BENZE	13	0,000E+00	0.000E+00	0.000E+00	0.000E+DD
Be	17	5.461E-03	4.334E-02	9.674E-06	6.726E-01
Cd	22	1.620E-04	1.286E-03	2.149E-06	1.494E-01
Cr	36	5.311E-05	4.215E-04	3.959E-07	2.752E-02
Cu	38	0.000E+00	0.000E+00	0.000£+00	0.000E+00
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00
HCN	79	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb	83	3.158E-03	2.506E-02	1.339E-05	9.309E-01
Mn	85	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Hg	87	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NĬ	111	2.762E-04	2.192E-03	1.861E-06	1.294E-01
NAPTH	110	0.000E+00	0.000E+00	0:000E+00	0.000E+00
PAH	130	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROPL	134	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Se	137	0.000E+00	0,000E+00	0.000E+00	0.000E+00
TOL	145	0.000E+00	0.000E+00	0.000E+00	0.000E+00
XYLEN	151	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Zn	152	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NTXPM	998	1.062E+02	8.429E+02	7.917E-01	5.504E+04
	15 BLASTING_PIT4				
OPERATING HOURS	= 8760.00	SURFACE AREA (m2) =	1.000E+00	DEPOSITION ADJUST	. FACTOR = 1.00000

	POLLUTANT NAME	POLLUTANT NUMBER	1-H (g/s)	OUR RATE (1b/hr)	ANN	UAL RATE (1b/yr)		
0	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO	1 3 10 13 17 22 36 38 70 79 83	0.000E+00 0.000E+00 4.634E-03 0.000E+00 5.461E-03 1.620E-04 5.311E-05 0.000E+00 0.000E+00 0.000E+00 3.158E-03		0.000E+00 0.000E+00 3.906E+05 0.000E+00 6.318E-06 1.403E-06 2.585E-07 0.000E+00	0.000E+00 0.000E+00 2.716E+00 0.000E+00 4.393E-01 9.754E-02 1.797E-02 0.000E+00		
	HCN Pb	79 83	0.000E+00 3.158E-03	0.000E+00 2.506E-02	0.000E+00 8.747E-06	0.000E+00 6.081E-01		
GOLDEN Q Input Fi	le: g:\ace\G091\(LEDAD MTN PROJECT - GQTPACE.DAT	Output File:	g:\ace\GQ91\GQTPAC	E.OUT	11/0//93	588 MODEL 09:51:16	VERS. 93288 * Page - 14
	Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 2.762E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.062E+02	0.000E+00 0.000E+00 2.192E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.429E+02	0.000E+00 0.000E+00 1.215E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.447E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		
	FOR SOURCE # OPERATING HOURS	16 BLASTING_PIT5 = 8760.00 S	URFACE AREA (m2)) = 1.000E+00	DEPOSITION ADJ	UST, FACTOR =	1.00000	
		POLLUTANT NUMBER	1-F (g/s)	HOUR RATE (1b/hr)	ANN (g/s)	UAL RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cd Cr Cu HCHO HCN Pb Mn Hg N1 NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM FOR SOURCE # OPERATING HOURS	17 BLASTING_PIT6 = 8760.00 S	0.000E+00 0.000E+00 4.634E-03 0.000E+00 5.461E-03 1.620E-04 5.311E-05 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.678E-02 0.000E+00 4.334E-02 1.286E-03 4.215E-04 0.000E+00	0.000E+00 0.000E+00 2.942E-04 0.000E+00 4.758E-05 1.057E-05 1.947E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.045E+01 0.000E+00 3.308E+00 7.349E-01 1.354E-01 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-i (g/s)	HOUR RATE (1b/hr)		UAL RATE (1b/yr)		
	ACETA UEEN MINING - SO le: g:\ace\GQ91\	1 LEDAD MTN PROJECT -	ALL RECEPTORS	0.000E+00 1991 MET, TSP g:\ace\GQ91\GQTPAC	* OUTPUT OF	AMI/SBCAPCD ACE2	588 MODEL 09:51:16	VERS. 93288 * Page - 15
Input F1	ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCHO HS MN NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 4.634E-03 0.000E+00 5.461E-03 1.620E-04 5.311E-05 0.000E+00 0.000E+00 3.158E-03 0.000E+00 2.762E-04 0.000E+00 0.000E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.000E+00 3.678E-02 0.000E+00 4.334E-02 1.286E-03 4.215E-04 0.000E+00 0.000E+00 0.000E+00 2.506E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.079E-04 0.000E+00 1.744E-05 3.875E-06 7.138E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.356E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.428E+00	0.000E+00 7.502E+00 0.000E+00 1.212E+00 2.694E-01 4.963E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		

	FOR SOURCE # 1 OPERATING HOURS	8 BLASTING_PIT7 = 8760.00 S	URFACE AREA (m2) =	1.000E+00	DEPOSITION ADJUS	I. FACTOR =	1.00000
\bigcirc		POLLUTANT NUMBER	1-HOUR (8/s)	R RATE (Lb/hr)	ANNIJAI (g/s)	L RATE (Lb/yr)	
GOLDEN Q Input Fi	ACETA ACROL As BENZE Be Cd Cr HCHO HCN Pb Mn Hg NI NAPTH PAH PROPL Se TOL XYLEN Zn NTXFM UEEN MINING - SOI le: g:\ace\GQ91\G	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 4.634E-03 0.000E+00 5.461E-03 1.620E-04 5.311E-05 0.000E+00	0.000E+00 0.000E+00 3.678E-02 0.000E+00 4.334E-02 1.286E-03 4.215E-04 0.000E+00	0.000E+00 0.000E+00 1.953E-05 0.000E+00 3.159E-06 7.016E-07 1.293E-07 0.000E+00	0.000E+00 0.000E+00 1.358E+00 0.000E+00 2.196E-01 4.878E-02 8.989E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE # 1	9 TRKLOAD_PIT1 = 8760,00 S	SURFACE AREA (m2) =	2.560E+04	DEPOSITION ADJUS	T, FACTOR =	1.00000
		POLLUTANT NUMBER	1-HOUI (g/s)	/15/5wl	ANNUA (g/s)	(1h/mm)	
	ACETA ACROL As BENZE Be Cd Cd Cr Cu HCHO HCN Fb Mm Hg N1 NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM FOR SOURCE # 22	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 2.139E-07 0.000E+00 1.290E-07 7.716E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.698E-06 0.000E+00 1.024E-06 6.124E-08 9.960E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.514E-07 0.000E+00 2.458E-0B 5.439E-09 1.002E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.053E-02 0.000E+00 1.709E-03 3.781E-04 6.966E-05 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	OPERATING HOURS	≠ 8760.00 S	SURFACE AREA (m2) =		DEPOSITION ADJUS		1.00000
	ACETA ACROL AS BENZE Be Cd Cr Cu Cu HCHO HCN Pb	POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 79 83	1-HOU (g/s) 0.000E+00 0.000E+00 3.342E-07 0.000E+00 2.016E-07 1.206E-08 1.960E-09 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.652E-06 0.000E+00 1.600E-06 9.571E-08 1.556E-08 0.000E+00 0.000E+00 0.000E+00 9.254E-07	ANNUA (g/s) 0.000E+00 0.000E+00 2.366E-07 0.000E+00 3.840E-08 6.498E-09 1.566E-09 0.000E+00 0.000E+00	C RATE (lb/yr) 0.000E+00 0.000E+00 1.645E-02 0.000E+00 2.670E-03 5.908E-04 1.089E-04 0.000E+00 0.000E+00 3.688E-03	
	UEEN MINING - SOI le: g:\ace\GQ91\G	GQTPACE.DAT	ALL RECEPTORS, 19 Output File: g:	91 MET, TSP \ace\GQ91\GQTPAC	E.OUT	11/07/95	•
U	Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN	85 87 111 110 130 134 137 145	0.000E+00 0.000E+00 1.019E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.087E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.365E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 5.120E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	

	Zn NTXPM	152 998	0.000E+00 3.921E-03	0.000E+00 3.112E-02	0.000E+00 3.133E-03	0.000E+00 2.178E+02		
	FOR SOURCE # 2	1 TRKLOAD PIT3 = 8760.00	SURFACE AREA (m2) =	1.225E+05	DEPOSITION ADJUST.	FACTOR =	1.00000	
		POLLUTANT NUMBER		(11 /1)	ANNUAL (g/s)	/11 /mm \		
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb	1 3 10 13 17 22 36 38 70 79	0.000E+00 0.000E+00 1.024E-06 0.000E+00 6.173E-07 3.692E-08 6.003E-09 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.127E-06 0.000E+00 4.899E-06 2.930E-07 4.764E-08 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.245E-07 0.000E+00 1.176E-07 2.603E-08 4.797E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 5.037E-02 0.000E+00 8.176E-03 1.810E-03 3.335E-04 0.000E+00 0.000E+00 1.129E-02		
	Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 1.024E-06 0.000E+00 6.173E-07 3.692E-08 6.003E-09 0.000E+00	0.000E+00 0.000E+00 2.478E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 9.532E-02	0.000E+00 0.000E+00 2.256E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 9.594E-03	0.000E+00 0.000E+00 1.568E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.670E+02		
		2 TRKLOAD PIT4	SURFACE AREA (m2) =					
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR 1	RATE (lb/hr)	ANNUAL (g/s)	RATE (lb/yr)		
GOLDEN_QU	IEEN MINING - SO!	FDAD MTN PPOIFCT	0.000E+00 - ALL RECEPTORS, 1991	MET TSP	* OUTPUT OF AMI/	SBCAPCD ACE2	2588 MODEL	VERS. 93288 *
Input Fil	Le: g:\ace\GQ91\G ACROL	GTPACE, DAT	Output File: g:\a	0.000E+00	0.000E+00	0.000E+00	09,31,10	rage 10
J	As BENZE Be Cd Cr Cu HCHO	13 17 22 36 38	0.000E+00 6.173E-07 3.692E-08 6.003E-09 0.000E+00	0.127E-00 0.000E+00 4.899E-06 2.930E-07 4.764E-08 0.000E+00	0.000E+00 1.176E-07 2.603E-08 4.797E-09 0.000E+00 0.000E+00	0.000E+00 8.176E-03 1.810E-03 3.335E-04 0.000E+00		
	HCHO Pb Mn Hg Ni NAPTH PAH PROPL Se	79 83 85 87 111 110 130 134	0.000E+00 1.024E-06 0.000E+00 6.173E-07 3.692E-08 6.003E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0 0006+00	0.0005+00	0.000E+00 1.129E-02 0.000E+00 0.000E+00 1.568E-03 0.000E+00 0.000E+00 0.000E+00		
	TOL XYLEN Zn NTXPM	145 151 152 998	0.000E+00 0.000E+00 0.000E+00 1.201E-02	0.000E+00 0.000E+00 0.000E+00 9.532E-02	0.000E+00 0.000E+00 0.000E+00 9.594E-03	0.000E+00 0.000E+00 0.000E+00 6.670E+02		
	FOR SOURCE # 2	23 TRKLOAD PIT5 = 8760.00	SURFACE AREA (m2) =	1.225E+05	DEPOSITION ADJUST.	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR (g/s)	RATE (lb/hr)	ANNUAL	RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn	1 3 10 13 17 22 36 38 70 79 83 85 87	0.000E+00 0.000E+00 1.024E-06 0.000E+00 6.173E-07 3.692E-08 6.003E-09 0.000E+00 0.000E+00 0.000E+00 3.570E-07 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.127E-06 0.000E+00 4.899E-06 2.930E-07 4.764E-08 0.000E+00 0.000E+00 0.000E+00 2.833E-06 0.000E+00	0.000E+00 0.000E+00 7.245E-07 0.000E+00 1.176E-07 2.603E-08 4.797E-09 0.000E+00 0.000E+00 0.000E+00 1.624E-07 0.000E+00	0.000E+00 0.000E+00 5.037E-02 0.000E+00 8.176E-03 1.810E-03 3.335E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		
)	NÎ NAPTH PAH PROPL Se TOL XYLEN	111 110 130 134 137 145	3.122E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.478E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.256E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.568E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		

Zn 152 0.000E+00 0.000E+00 0.000E+00 0.000E+00 NTXPM 998 1.201E-02 9.532E-02 9.594E-03 6.670E+02

TOEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 19

	FOR SOURCE # 2 OPERATING HOURS	4 TRKLOAD PIT6 = 8760.00	SURFACE AREA (m2) =	4.000E+04	DEPOSITION ADJUST.	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (1b/hr)	ANNUAL	RATE (lb/yr)		
	ACETA ACROL As BENZE Be	1 3 10 13	0.000E+00 0.000E+00 3.342E-07 0.000E+00 2.016E-07	0.000E+00 0.000E+00 2.652E-06 0.000E+00 1.600E-06	0.000E+00 0.000E+00 2.366E-07 0.000E+00 3.840E-08	0.000E+00 0.000E+00 1.645E-02 0.000E+00 2.670E-03		
	Cd Cr Cu HCHO HCN Pb Mn	17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151	1.2085-08 1.960E-09 0.000E+00 0.000E+00 0.000E+00 1.166E-07	9.571E-08 1.556E-08 0.000E+00 0.000E+00 0.000E+00 9.254E-07	0.000E+00 0.000E+00 2.366E-07 0.000E+00 3.840E-08 8.498E-09 1.566E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 7.365E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	5.908E-04 1.089E-04 0.000E+00 0.000E+00 3.688E-03 0.000E+00		
	Hg Ni NAPTH PAH PROPL Se	87 111 110 130 134 137	0.000E+00 1.019E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 8.087E-08 0.000E+00 0.000E+00 0.000E+00	0,000E+00 7,365E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 5.120E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00		
	NTXPM	998		0.000E+00 0.000E+00 0.000E+00 3.112E-02	D.000E+00 D.000E+00 D.000E+00 3.133E-03	0.000E+00 0.000E+00 0.000E+00 2.178E+02		
	FOR SOURCE # 2 OPERATING HOURS	5 TRKLOAD_PIT7 = 8760.00	SURFACE AREA (m2) =	4.000E+04			1,00000	
		POLLUTANT NUMBER	(g/s)	(1b/hr)	ANNUAL (g/s)	RATE (lb/yr)		
)	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb	1 3 10 13 17 22 36 38 70 79	0.000E+00 0.000E+00 3.342E-07 0.000E+00 2.016E-07 1.206E-08 1.960E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.652E-06 0.000E+00 1.600E-06 9.571E-08 0.000E+00 0.000E+00 0.000E+00 9.254E-07	0.000E+00 0.000E+00 2.366E-07 0.000E+00 3.840E-08 8.498E-09 1.566E-09 0.000E+00 0.000E+00 0.000E+00 5.304E-08	0.000E+00 0.000E+00 1.645E-02 0.000E+00 2.670E-03 5.908E-04 0.000E+00 0.000E+00 0.000E+00 3.668E-03		
GOLDEN QU Input Fil	TEEN MINING - SOT	EDAD MTN PROJECT	- ALL RECEPTORS, 1991 Output File: g:\a	L MET, TSP ace\GQ91\GQTPAC	* OUTPUT OF AMI/ CE,OUT	SBCAPCD ACE 11/07/95	2588 MODEL 09:51:16	VERS. 93288 * Page - 20
	Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 1.019E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.921E-03	0.000E+00 0.000E+00 8.087E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.112E-02	0.000E+00 0.000E+00 7.365E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 5.120E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.178E+02		
	FOR SOURCE # 2 OPERATING HOURS		SURFACE AREA (m2) =	4.000E+04	DEPOSITION ADJUST.	FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR (g/s)	RATE (lb/hr)	ANNUAL (g/s)	RATE (lb/yr)		
j	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn	1 3 10 13 17 22 36 38 70 79 83 85	0.000E+00 0.000E+00 3.342E-07 0.000E+00 2.016E-07 1.206E-08 1.960E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.652E-06 0.000E+00 1.600E-06 9.571E-08 1.556E-08 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.366E-07 0.000E+00 3.840E-08 8.498E-09 1.566E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.645E-02 0.000E+00 2.670E-03 5.908E-04 1.089E-04 0.000E+00 0.000E+00 3.688E-03 0.000E+00		
ree Te	Hg Ni NAPTH PAH	87 111 110 130	0.000E+00 1.019E-08 0.000E+00 0.000E+00	0.000E+00 8.087E-08 0.000E+00 0.000E+00	0.000E+00 7.365E-09 0.000E+00 0.000E+00	0.000E+00 5.120E-04 0.000E+00 0.000E+00		

	PROPL	134	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	Se TOL	137	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.112E-02	0.000E+00 0.000E+00	0.000E+00 0.000E+00		
	XYLEN	145 151 152	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	Zn NTXPM	152 998	0.000E+00 3.921E-03	0.000K+00 3.112E-02	0.000E+00 3.133E-03	0.000E+00 2.178E+02		
	FOR SOURCE # 2	7 TRKLOAD_PIT9						
	OPERATING HOURS			= 5.625E+05			1,00000	
	DOLLING MALE	DOLLITANT NUMBER	1_U	OUR RATE	ANN	UAL RATE		
	POLLUTANT NAME	POLLUTANT NUMBER	(g/s)	(lb/hr)	(g/s)			
	ACETA	1	0.000E+00		0.000E+00	0,000E+00		
		LEDAD MIN PROJECT	1				SAS MODEL	VEDS 93288 *
Input Fi	le: g:\ace\GQ91\(QTPACE. DAT						Page - 21
-	ACROL	3	0.000E+00	0.000E+00 3.730E-05 0.000E+00 2.250E-05 1.345E-06 2.188E-07 0.000E+00	0.000E+00	0,000E+00		
	As	3 10 13 17 22 36 38 70 79 83 85 111	4.700E-06	3.730E-05	3.327E-06	2.313E-01 0.000E+00		
	BENZE Be	17	0.000E+00 2.835E-06	2.250E-05	5.400E-07	3.754E-02		
	Cd	22	1.695E-07	1.345E-06	1.195E-07	8.308E-03		
	Cr Cu	36 38	2.757E-08 0.000E+00	2.188E-07 0.000E+00	0.000E+00	0.000E+00		
	HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	HCN Pb	79 83	0.000E+00 1.639E-06	1.301E-05	0.000E+00 7.459Σ-07	5,186E-02		
	Mn.	85	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	Hg Ni	111	0.000E+00 1.433E-07	1.137E-06	1.036E-07	7,203E-03		
	NAPTH	110	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	PAH PROPL	130 134 137	0.000E+00 0.000E+00	0,000E+00	0.000E+00	0.000E+00		
	Se	137	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	TOL XYLEN	145 151	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00		
	Zn	152	0.000E+00	0.0D0E+00	0.000E+00	0.000E+00		
	NTXPM	998	5.513E-02	4.375E-UI	4,405E-02	3.0635703		
	FOR SOURCE #	28 TRKLOAD PIT10						
	FOR SOURCE # COPERATING HOURS	28 TRKLOAD PIT10 = 8760.00						
	OPERATING HOURS	= 8760.0 0	SURFACE AREA (m2)	= 2.209E+05	DEPOSITION ADJ	UST. FACTOR =		
7	OPERATING HOURS	28 TRKLOAD PIT10 = 8760.00 POLLUTANT NUMBER	SURFACE AREA (m2)	= 2.209E+05	DEPOSITION ADJ	UST. FACTOR =		
)	POLILITANT NAME	= 8760.00 POLLUTANT NUMBER	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
)	POLITIANT NAME ACETA	= 8760.00 POLLUTANT NUMBER	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
)	POLIUITANT NAME ACETA ACROL AS	= 8760.00 POLLUTANT NUMBER	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
)	OPERATING HOURS POLLUITANT NAME ACETA ACROL As BENZE	= 8760.00 ; POLLUTANT NUMBER 1 3 10 13	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
Ò	POLILITANT NAME ACETA ACROL AS BENZE Be Cd	= 8760.00 ;	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
Ò	OPERATING HOURS POLLUTANT NAME ACETA ACROL AS BENZE Be Cd Cr	= 8760.00 ; POLLUTANT NUMBER 1 3 10 13 17 22 36	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
)	POLIUITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO	= 8760.00 ; POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
)	POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO	= 8760.00 ; POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 79	SURFACE AREA (m2)	= 2.209E+05 OUR RATE (lb/hr)	DEPOSITION ADJ	UST. FACTOR = UAL RATE (lb/yr)		
	POLIUITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mm	= 8760.00 : POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 79 83 85	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000E+00 0.000E+00	= 2.209E+05	DEPOSITION ADJ (g/s) 0.000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00 0.000E+00 0.000E+00 2.929E-07 0.000E+00	UST. FACTOR = (1b/yr) 0.000E+00 0.000E+00 9.087E-02 0.000E+00 1.475E-02 3.263E-03 6.014E-04 0.000E+00 0.000E+00 0.000E+00 2.036E-02 0.000E+00		
	OPERATING HOURS POLLUITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0,000E+00 1,307E-06 0,000E+00 2,121E-07 4,693E-08 8,650E-09 0,000E+00 0,000E+00 0,000E+00 2,929E-07 0,000E+00 0,000E+00	UST. FACTOR =		
	POLIUITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mm	= 8760.00	1-H (g/s) 0.000E+00 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.629E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0.000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.067E-08 0.000E+00	UST. FACTOR =		
	OPERATING HOURS POLLUITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00 0.000E+00 0.000E+00 2.929E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	UST. FACTOR =		
	OPERATING HOURS POLILITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0.000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =		
	OPERATING HOURS POLLUITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =		
	OPERATING HOURS POLILITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =		
	OPERATING HOURS POLLUITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mm Hg Ni NAPTH FAH PROPL Se TOL XYLEN Zn NTXPM	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0,000E+00 1,307E-06 0,000E+00 2,121E-07 4,693E-08 8,650E-09 0,000E+00 1,730E-02	UST. FACTOR =	1.00000	
	OPERATING HOURS POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn Hg N1 NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM WEEN MINING - SON	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =	1.00000	VERS. 93288 *
	OPERATING HOURS POLLUITANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mm Hg Ni NAPTH FAH PROPL Se TOL XYLEN Zn NTXPM	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =	1.00000	VERS. 93288 * Page - 22
	OPERATING HOURS POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn Hg N1 NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM WEEN MINING - SON	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =	1.00000	VERS. 93288 * Page - 22
	OPERATING HOURS POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn Hg NI NAPTH PROPL Se TOL XYLEN Zn NTXPM WEEEN MINING - SOI le: g:\ace\GQ91\G	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0.000E+00 1.307E-06 0.000E+00 2.121E-07 4.693E-08 8.650E-09 0.000E+00	UST. FACTOR =	1.00000 	VERS. 93288 * Page - 22
	POLITIANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Mn Hg Ni NAPTH PROPL Se TOL XYLEN Zn NTXPM WEEN MINING - SOI	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0,000E+00 1,307E-06 0,000E+00 2,121E-07 4,693E-08 8,650E-09 0,000E+00	UST. FACTOR =	1.00000 	VERS. 93288 * Page - 22
	POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM WEEEN MINING - SOU le: g:\ace\GQ91\G	= 8760.00 POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998 LEDAD MTN PROJECT 3QTPACE. DAT 29 TRKLOAD PIT11 = 8760.00	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0,000E+00 1,307E-06 0,000E+00 2,121E-07 4,693E-08 8,650E-09 0,000E+00	UST. FACTOR =	1.00000 	VERS. 93288 * Page - 22
	POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM WEEEN MINING - SOU le: g:\ace\GQ91\G	= 8760.00 :	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0,000E+00 1,307E-06 0,000E+00 2,121E-07 4,693E-08 8,650E-09 0,000E+00	UST. FACTOR =	1.00000 	VERS. 93288 * Page - 22
	POLILITANT NAME ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM WEEEN MINING - SOU le: g:\ace\GQ91\G	= 8760.00 POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998 LEDAD MTN PROJECT 3QTPACE. DAT 29 TRKLOAD PIT11 = 8760.00	1-H (g/s) 0.000E+00 0.000E+00 1.846E-06 0.000E+00 1.113E-06 6.658E-08 1.083E-08 0.000E+00 0.000	= 2.209E+05	DEPOSITION ADJ ANN (g/s) 0,000E+00 0,000E+00 1,307E-06 0,000E+00 2,121E-07 4,693E-08 8,650E-09 0,000E+00	UST. FACTOR =	1.00000 	VERS. 93288 * Page - 22

POLLUTANT NAME	POLLUTANT NUMBER	1-HOU	R RATE	ANNUA	L RATE	
•••		(g/s)	(lb/hr)	(g/s)	(lb/yr)	
ACETA	1	0.000E+00	0,000E+00	0.000E+00	0.000E+00	
ACROL	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
As	10	3.342E-07	2.652E-06	2.366E-07	1.645E-02	
BENZE	13	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
Вө	17	2.016E-07	1.600E-06	3.840E-08	2.670E-03	
Cd	22	1.206E-08	9.571E-08	8.498E-09	5.908E-04	
Cr	36	1.960E-09	1.556E-08	1.566E-09	1.089E-04	
Cu	38	0.000£+00	0.000E+00	0.000E+00	0.000E+00	
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
HCN	79	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
Pb	83	1.166E-07	9.254E-07	5.304E-08	3.688E-03	
Mn	85	0.000E+00	0.000E+00	0.000E+00	0,000E+00	

0	Hg N1 NAPTH PAH PROPL SS TOL XYLEN Zn NTXPM	87 111 110 130 134 137 145 151 152 998	0.000E+00 1.019E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 8.087E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.112E-02	0.000E+00 7.365E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.133E-03	0.000E+00 5.120E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.178E+02			
	FOR SOURCE # 3 OPERATING HOURS	= 8760.00 S	URFACE AREA (m2)	= 2.560E+04	DEPOSITION ADJ	JST. FACTOR =	1.00000		
		POLLUTANT NUMBER	(g/s)	OUR RATE (1b/hr)	(g/s)	JAL RATE (1b/yr)			
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO Pb	1 3 10 13 17 22 36 38 70 79 83	0.000E+00 0.000E+00 1.031E-06 0.000E+00 3.780E-09 3.720E-08 6.044E-09 0.000E+00 0.000E+00 1.576E-07	0.000E+00 0.000E+00 8.183E-06 0.000E+00 3.000E-08 2.952E-07 4.800E-08 0.000E+00 0.000E+00 1.251E-06	0.000E+00 0.000E+00 6.875E-07 0.000E+00 2.520E-09 2.480E-08 4.032E-09 0.000E+00 0.000E+00 1.050E-07	0.000E+00 0.000E+00 4.780E-02 0.000E+00 1.752E-04 1.724E-03 2.803E-04 0.000E+00 0.000E+00 7.300E-03			
GOLDEN Q Input Fi	UEEN MINING - SOI le; g;\ace\GQ91\G	EDAD MTN PROJECT - QTPACE.DAT	ALL RECEPTORS.	1991 MET, TSP g:\ace\GQ91\GQTPAC	* OUTPUT OF . E.OUT	AMI/SBCAPCD ACE2 11/07/95	588 MODEL 09:51:16	VERS. 9328 Page -	38 # 23
	Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NIXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 2.752E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.210E-02	0.000E+00 0.000E+00 2.184E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 9.603E-02	0.000E+00 0.000E+00 1.835E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.064E-03	0.000E+00 0.000E+00 1.276E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	÷		
	FOR SOURCE # 3	31 HAULO_2 = 8760.00 S	SURFACE AREA (m2)	= 4.000E+04	DEPOSITION ADJ	UST. FACTOR =	1.00000		
	POLLUTANT NAME	POLLUTANT NUMBER	1-H (g/s)	OUR RATE (1b/hr)	ANN (g/s)	UAL RATE (lb/yr)			
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCH HCH HCH HF HR Hg Ni HAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 1.611E-06 0.000E+00 5.906E-09 5.812E-08 9.450E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.279E-05 0.000E+00 4.687E-08 4.613E-07 7.500E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.074E-06 0.000E+00 3.938E-09 3.875E-08 6.300E-09 0.000E+00	0.000E+00 0.000E+00 7.467E-02 0.000E+00 2.738E-04 2.694E-03 4.380E-04 0.000E+00			
	FOR SOURCE # 3	32 HAULO 3 = 8760,00 S	SURFACE AREA (m2)	≠ 1.225E+05	DEPOSITION ADJ	UST. FACTOR =	1.00000		
	POLLUTANT NAME	POLLUTANT NUMBER		OUR RATE (1b/hr)	ANN (g/s)	UAL RATE (lb/yr)			
GOI DEN O	ACETA	1 EDAD MIN PROJECT -	0.000E+00	0.000E+00 1991 MET, TSP	0.000E+00	0.000E+00	588 MODEL	VERS. 9326	88 *
Input Fi	le: g:\ace\GQ91\0	GOTPACE, DAT	Output File:	g:\ace\GQ91\GQTPAC	0.000E+00	11/07/95 0.000E+00	09:51:16	Page -	24
	As BENZE Be Cd Cr Cu	10 13 17 22 36 38	4.934E-06 0.000E+00 1.809E-08 1.780E-07 2.894E-08 0.000E+00	3.916E-05 0.000E+00 1.436E-07 1.413E-06 2.297E-07 0.000E+00	3.290E-06 0.000E+00 1.206E-08 1.187E-07 1.929E-08 0.000E+00	2.287E-01 0.000E+00 8.385E-04 8.252E-03 1.341E-03 0.000E+00			

HCHO HCN Pb Mm Hg Ni NAPTH PAH PROPL	70 79 83 85 87 111 110 130	0.000E+00 0.000E+00 7.539E-07 0.000E+00 0.000E+00 1.317E-07 0.000E+00 0.000E+00	0.000E+00 0.000E+00 5.983E-06 0.000E+00 1.045E-06 0.000E+00 0.000E+00	0.000E+00 0.000E+00 5.026E-07 0.000E+00 0.000E+00 8.779E-08 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.494E-02 0.000E+00 0.000E+00 6.103E-03 0.000E+00 0.000E+00
Se TOL	137 145	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00
XYLEN Zn	151 152	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
NTXPM	998	5.788E-02	4.594E-01	3.859E-02	2.683E+03
FOR SOURCE # OPERATING HOURS		SURFACE AREA (m2) =	1.225E+05	DEPOSITION ADJUST	. FACTOR = 1.00000
DOLLITANT NAME	POLLUTANT NUMBER	1-HOUR	DATE	ANNUAL	DATE
POLLUTANT NAME	LOTTOIWNI MONDEK	(g/s)	(lb/hr)	(g/s)	(lb/yr)
					•
ACETA	1	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00
ACROL	3				0.000E+00
As	10	4.934E-06	3.916E-05	3.290E-06	2.287E-01
BENZE	13	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Be	17	1.809E-08	1.436E-07	1.206E-08	8.385E-04
Cd	13 17 22 36	1.780E-07	1.413E-06	1.187E-07	8.252E-03
Cr	36	2.894E-08	2.297E-07	1.929E-08	1.341E-03
Cu	38	0.000E+00	0.000E+00	0.000E+00	0.000E+00
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00
HCN	79	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb	83	7.539E-07	0.000E+00 5.983E-06 0.000E+00	5.026E-07	3.494E-02
Mn	38 70 79 83 85 87	0.0002.00	0.0002.00	0.000E+00	0.000E+00
Hg	87	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni	111	1.317E-07	1.045E-06	8. 7 79E-08	6.103E-03
NAPTH	110	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PAH	130	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROPL	134	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Se	137	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOL	145	0.000E+00	0.000E+00	0.000E+00	0.000E+00
XYLEN	151	0.000E+00	0.000E+00 0.000E+00 0.000E+00 4.594E-01	0.000E+00	0.000E+00
Zn	152	0.000E+00 5.788E-02	0.000E+00	0.000E+00	0.000E+00
NTXPM	998	5.788E-02	4.594E-01	3.859E-02	2.683E+03
QUEEN MINING - SOI 11e: g:\ace\GQ91\0	LEDAD MTN PROJECT	- ALL RECEPTORS, 199 Output File: g:\	1 MET, TSP ace\GO91\GOTPAC	* OUTPUT OF AMI	/SBCAPCD ACE2588 MODEL 11/07/95 09:51:16

2588 MODEL VERS, 93288 * 09:51:16 Page - 25

FOR SOURCE # OPERATING HOUR		SURFACE AREA (m2) =	1.225E+05	DEPOSITION ADJUST	T. FACTOR = 1.00000
POLLUTANT NAME	: POLLUTANT NUMBER	1-HOUR	RATE	ANNUAI	L RATE
		(g/s)	(lb/hr)	(g/s)	(lb/yr)
ACETA	1	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00
ACROL	3	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
As	10	4.934E-06	3.916E-05	3.290E-06	2.287E-01
BENZE	13 17	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Зе	17	1.809E-08	1.436E-07	1.206E-08	8.385E-04
Cd	22	1.780E-07	1.413E-06	1.187E-07	8.252E-03
Cr		2.894E-08	2.297E-07	1.929E-08	1.341E-03
Cu	38	0.000E+00	0.000E+00	0.000E+00	0.000E+00
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0,000E+00
ICN	79	0.000E+00	0.000E+00	0.000E+00	0.000E+00
?Ъ	70 79 83 85	7.539E-07	5.983E-06	5,026E-07	3.494E-02
1n	85	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ig .	87	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ιi	111	1.317E-07	1.045E-06 0.000E+00	8.779E-08	6.103E-03
NAPTH	110	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PAH	130	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROPL	134	0.000E+00	0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00
Se	137	0.000E+00	0.000E+00	0.000E+00	0.000E+00
COL	145	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
(YLEN	151	0.000E+00		0.000E+00	0.000E+00
Zn	152	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NTXPM	998	5.788E-02	4-594E-01	3.859E-02	2.683E+03
FOR SOURCE #	35 HAULO_6				
OPERATING HOUR	S = 8760.00	SURFACE AREA (m2) =	4.000E+04	DEPOSITION ADJUST	T. FACTOR = 1.00000
OOT T TITE AND ALABET	POLLUTANT NUMBER	1-HOUR	DATE	A N7N711 A 7	DAME
OLLUIANI NAPE	POLLUTANI NUMBER			ANNUAI	
		(g/s)	(lb/hr)	(g/s)	(lb/yr)
ACETA	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CROL	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ls	10	0.000E+00 1.611E-06	1.279E-05	1.074E-06	7.467E-02
BENZE	13	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3e	17	5.906E-09			2.738E-04
d	22	5.906E-09 5.812E-08	4.687E-08 4.613E-07	3.875E-08	2.694E-03
r	36	9.450E-09	7.500E-08	6.300E-09	4.380E-04
Cu	38	0.000E+00	0.000E+00	0.000E+00	0.000E+00

	HCHO HCN Pb	70 79 83		0.000E+00 0.000E+00 1.954E-06		0.000E+00 0.000E+00 1.141E-02	
EN QU	JEEN MINING - SO: Le: g:\ace\GQ91\	LEDAD MTN PROJECT - GQTPACE.DAT	Output File:	g:\nce\GQ91\GQTFAC	CE, OUT		DEL VERS. 93288 * :16 Page - 26
	Mm Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 4.300E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.000E+00	0.000E+00 0.000E+00 3.413E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.867E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.993E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE # OPERATING HOURS	36 HAULO_7 = 8760.00	SURFACE AREA (m2)	= 4.000E+04	DEPOSITION ADJ	UST. FACTOR = 1.0000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-H (g/s)	OUR RATE (lb/hr)	ANN (g/s)	UAL RATE (lb/yr)	
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PAH PAH TOL XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 1.611E-06 0.000E+00 5.906E-09 5.812E-08 9.450E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.279E-05 0.000E+00 4.687E-08 4.613E-07 7.500E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.500E-01	0.000E+00 0.000E+00 1.074E-06 0.000E+00 3.938E-09 3.875E-08 6.300E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.467E-02 0.000E+00 2.738E-04 2.694E-03 4.380E-04 0.000E+00 0.000E+00 1.141E-02 0.000E+00 0.000E+00 1.993E-03 0.000E+00	
	FOR SOURCE # OPERATING HOURS	37 HAULO_8 = 8760.00				UST. FACTOR = 1.0000)
	POLLUTANT NAME	POLLUTANT NUMBER	1-H (g/s)	OUR RATE (1b/hr)	ANN (g/s)	UAL RATE (1b/yr)	
	ACETA	1		0.000E+00			
GOLDEN QU Input Fil	UEEN MINING - SO Le: g:\ace\GQ91\	LEDAD MTN PROJECT - GQTPACE.DAT	- ALL RECEPTORS, Output File:	1991 MET, TSP g:\ace\GQ91\GQTPAG	* OUTPUT OF .	AMI/SBCAFCD ACE2506 MOI 11/07/95 09:51	DEL VERS. 93288 * :16 Page - 27
	ACROL As BENZE Be Cd Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PROPL Se TOL XYLEN Zn NTXPM	3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 1.611E-06 0.000E+00 5.906E-09 5.812E-08 9.450E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.279E-05 0.000E+00 4.687E-08 4.613E-07 7.500E-08 0.000E+00 0.000E+00 1.954E-06 0.000E+00 3.413E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.500E-01	0.000E+00 1.074E-06 0.000E+00 3.938E-09 3.875E-08 6.300E-09 0.000E+00 0.000E+00 1.641E-07 0.000E+00 2.867E-08 0.000E+00	0.000E+00 7.467E-02 0.000E+00 2.738E-04 2.694E-03 4.380E-04 0.000E+00 0.000E+00 1.141E-02 0.000E+00 1.993E-03 0.000E+00	
	FOR SOURCE # OPERATING HOURS		SURFACE AREA (m2)	= 5.625E+05	DEPOSITION ADJ	UST. FACTOR = 1.00004	5
	POLLUTANT NAME	POLLUTANT NUMBER	1-8 (g/s)	OUR RATE (lb/hr)	(g/s)	UAL RATE (lb/yr)	
	ACETA ACROL As BENZE	1 3 10 13	0.000E+00 0.000E+00 2.266E-05 0.000E+00	0.000E+00 0.000E+00 1.798E-04 0.000E+00	0.000E+00 0.000E+00 1.511E-05 0.000E+00	0.000E+00 0.000E+00 1.051E+00 0.000E+00	

```
6.592E-07
6.487E-06
1.055E-06
0.000E+00
                                                                              8.306E-08
8.173E-07
1.329E-07
                                                                                                                                     5.449E-07
8.860E-08
                                                                                                                                                                  3.789E-02
6.160E-03
0.000E+00
              Cd
                                                    22
36
38
70
79
83
85
                                                                                                                                      0.000E+00
                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                          0.000E100
                                                                                                                                      0.000E+00
                                                                              0,000E+00
              HCHO
                                                                                                                                     0.000E+00
2.308E-06
0.000E+00
0.000E+00
4.031E-07
                                                                              0.000E+00
3.462E-06
0.000E+00
                                                                                                         0.000E+00
2.748E-05
0.000E+00
                                                                                                                                                                  1.605E-01
0.000E+00
              Mn
                                                                                                         0.000E+00
4.799E-06
0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
2.803E-02
0.000E+00
                                                                             0.000E+00
6.047E-07
0.000E+00
              Hg
Ni
                                                  87
111
                                                                                                                                      0.000E+00
0.000E+00
              NAPTH
                                                                                                                                                                  0.000E+00
                                                  130
134
                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                  0.000E+00
               PROPL
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
               Se
                                                                              0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
                                                  151
152
               XYLEN
                                                                              0.000E+00
                                                                                                          0.000E+00
                                                                                                                                     0.000E+00
1.772E-01
                                                                                                                                                                  0.000E+00
                                                                                                                                                                  1.232E+04
                                                                                                          2 110E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 28
                                      39 HAULO_10
              FOR SOURCE #
                                                                    SURFACE AREA (m2) = 2.209E+05 DEPOSITION ADJUST, FACTOR = 1.00000
                                    RS = 8760.00
               OPERATING HOURS
                                                                                                                                                  ANNUAL RATE
               POLLUTANT NAME POLLUTANT NUMBER
                                                                                           1-HOUR RATE
                                                                                                             (lb/hr)
                                                                                                                                                                     (lb/yr)
                                                                                   (g/s)
                                                                                                                                          (g/s)
                                                                                                                                    0.000E+00
0.000E+00
5.932E-06
0.000E+00
2.175E-00
2.140E-07
3.479E-08
0.000E+00
                                                                              0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
               ACETA
                                                                                                         0.000E+00
0.000E+00
7.062E-05
0.000E+00
2.589E-07
2.548E-06
4.142E-07
0.000E+00
0.000E+00
                                                                              0.000E+00
8.898E-06
                                                                                                                                                                  0.000E+00
               ACROL
                                                                                                                                                                  4.124E-01
0.000E+00
                                                    10
                                                                             0.000E+00
3.262E-08
3.210E-07
5.219E-08
0.000E+00
               BENZE
                                                    13
17
22
36
38
70
79
83
85
87
              Ве
                                                                                                                                                                  1.488E-02
              Cd
                                                                                                                                                                  2.419E-03
0.000E+00
               Ċr
              Cu
HCHO
                                                                                                                                                                  0.000E+00
0.000E+00
6.301E-02
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                             0.000E+00
0.000E+00
1.360E-06
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
1.079E-05
0.000E+00
0.000E+00
1.885E-06
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
9.063E-07
0.000E+00
0.000E+00
               HCN
              Mn.
               Hg
                                                                                                                                                                  1.101E-02
0.000E+00
0.000E+00
                                                  111
110
130
134
               Νi
                                                                                                                                     0.000E+00
0.000E+00
               NAPTH
                                                                                                                                      0.000E+00
                                                                                                                                                                  0,000E+00
               PROPL
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
               Se
                                                                              0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
                                                  145
151
                                                                                                                                      0.000E+00
                                                                                                                                                                  0.000E+00
              XYLEN
                                                                                                          0.000E+00
                                                                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                                  0.000E+00
               Zπ
                                                                                                                                     6.959E-02
                                                                                                                                                                  4.838E+03
               NTXPM
                                                                              1.044E-01
                                                                                                         8.286E-01
              FOR SOURCE # 40 HAULO_11
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 4.000E+04 DEPOSITION ADJUST. FACTOR = 1.00000
               POLLUTANT NAME POLLUTANT NUMBER
                                                                                           1-HOUR RATE
                                                                                                                                                   ANNUAL RATE
                                                                                  (g/s) (lb/hr)
                                                                                                                                        (g/s) (lb/yr)
                                                                                                                                   0.000E+00
0.000E+00
1.074E-06
0.000E+00
3.938E-09
3.875E-08
                                                                             0.000E+00
                                                                                                         0.000E+00
               ACETA
                                                                            0.000E+00 0.000E+00
0.000E+00 0.000E+00
1.611E-06 1.279E-05
0.000E+00 0.000E+00
5.906E-09 4.687E-08
5.812E-0B 4.613E-07
                                                                                                                                                                  0.000E+00
               ACROL
                                                                                                                                                                  7.467E-02
0.000E+00
               BENZE
                                                                                                                                                                  2.738E-04
2.694E-03
              Re
                                                                                                         4.613E-07
7.500E-08
0.000E+00
               Çd
                                                                                                                                      6.300E-09
0.000E+00
                                                                             9.450E-09
0.000E+00
0.000E+00
                                                                                                                                                                  4.380E-04
                                                    36
                                                                                                                                    6.300E-09
0.000E+00
0.000E+00
0.000E+00
1.641E-07
              Cu
HCHO
                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                  0.000E+00
                                                                             0.000E+00
2.462E-07
                                                                                                         0.000E+00
1.954E-06
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 29
                                                                                                                                     0.000E+00
0.000E+00
2.867E-08
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
3.413E-07
                                                                                                                                                                  0:000E+00
                                                                              0.000E+0D
                                                                             0.000E+00
0.000E+00
4.300E-08
0.000E+00
0.000E+00
                                                    87
                                                                                                                                                                  0.000E+00
              Hg
Ni
                                                                                                                                                                  1.993E-03
0.000E+00
               NAPTH
                                                  110
130
                                                                                                          0.000E+00
0.000E+00
               PAH
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
               PROPL
                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                  0.000E+00
                                                   137
                                                                             0.000E+00
                                                                                                          0.000E+00
                                                                              0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                  145
151
               TOL
                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
               XYLEN
                                                                              0.000E+00
                                                                                                          0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                  0.000E+00
              NTXPM
                                                                                                                                      1.260E-02
                                                                                                                                                                  8.760E+02
                                                                              1.890E-02
                                                                                                          1.500E-01
              FOR SOURCE # 41 TRKUNLOAD_ORE
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 3.025E+03 DEPOSITION ADJUST, FACTOR - 1.00000
                                                                                           1-HOUR RATE (1b/hr)
                                                                                                                                                   ANNUAL RATE
              POLLUTANT NAME POLLUTANT NUMBER
                                                                                     (g/s)
                                                                                                                                         (g/s)
                                                                                                                                                                      (lb/yr)
```

5.537E-08

3.850E-03

```
0.000E+00
0.000E+00
1.099E-06
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
1.062E-05
0.000E+00
                                                                                       0.000E+00
0.000E+00
1.338E-06
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
                ACROL.
                                                                                                                                                                                     7.641E-02
0.000E+00
                As
                BENZE
                                                          13
17
22
36
38
70
79
                                                                                        1,577E-06
4.676E-08
1,533E-08
                                                                                                                                                      1.296E-06
3.843E-08
1.260E-08
                                                                                                                                                                                     9,010E-02
2,672E-03
8.760E-04
                                                                                                                       1.252E 05
                Be
                                                                                                                      3.711E-07
1.217E-07
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                Cu
                                                                                                                      0.000E+00
0.000E+00
7.236E-06
0.000E+00
0.000E+00
6.327E-07
0.000E+00
                                                                                        0.000E+00
0.000E+00
9.117E-07
                HCHO
                HCN
                                                                                                                                                      7.493E-07
0.000E+00
                                                                                                                                                                                      5.209E-02
0.000E+00
                Pb
                                                                                       0.000E+00
0.000E+00
7.972E-08
0.000E+00
0.000E+00
                                                          85
87
                Μn
                                                                                                                                                      0.000E+00
                                                                                                                                                                                      0.000E+00
                Hg
                                                                                                                                                                                      4.555E-03
0.000E+00
0.000E+00
                                                                                                                                                      6.552E-08
0.000E+00
                Ni
                NAPTH
                                                                                                                                                      0.000E+00
                PAH
                                                         130
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                       0.000E+00
                PROPI.
                                                         137
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                Se
                                                         145
                                                                                                                                                      0.000E+00
0.000E+00
2.520E-02
                                                                                                                       0.000E+00
                                                                                                                                                                                      0.000E+00
                XYLEN
                                                                                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
2.433E-01
                                                                                        0.000E+00
3.066E-02
                                                         152
                 Zn
                 NTXPM
                FOR SOURCE # 42 BAGHOUSE 1
OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 1.000E+00 DEPOSITION ADJUST. FACTOR = 1.00000
                                                                                                                                                                    ANNUAL RATE (1b/yr)
                                                                                                     1-HOUR RATE
s) (lb/hr)
                POLLUTANT NAME POLLUTANT NUMBER
                                                                                                                                                         (g/s)
                                                                                           (g/s)
                                                                                                                                                   0.000E+00 D,000E+00
                                                                                     0.000E+00
                                                                                                                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET. TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
UT 11/07/95 09:51:16 Page - 30
                                                                                                                                                     0.000E+00
8.629E-07
0.000E+00
                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                                                      0.000E+00
5.999E-02
                As
BENZE
                                                                                        4.314E-07
0.000E+00
                                                                                                                       3.424E-06
0.000E+00
4.036E-06
                                                                                                                                                                                      0.000E+00
                                                           13
17
                                                                                        5.085E-07
                                                                                                                                                      1.017E-06
                                                                                                                                                                                      7.071E-02
                                                                                                                                                     1.017E-06
3.016E-08
9.890E-09
0.000E+00
0.000E+00
5.881E-07
0.000E+00
5.143E-08
0.000E+00
0.000E+00
                Вe
                                                                                                                       1.197E-07
3.925E-08
0.000E+00
                                                                                                                                                                                      2.097E-03
                                                                                        1.508E-08
4.945E-09
0.000E+00
                Cd
                                                           22
36
38
70
79
83
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
2.334E-06
0.000E+00
4.082E-07
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                Cu
                                                                                       0.000E+00
0.000E+00
0.000E+00
2.941E-07
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
                HCN
                                                                                                                                                                                      4.089E-02
0.000E+00
                 Pb
                                                           85
87
                                                                                                                                                                                      0.000E+00
                Hg
Ni
                                                                                                                                                                                      3.576E-03
0.000E+00
                                                         110
                 NAPTH
                                                                                                                                                                                      0.000E+00
                 PAH
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                        0.000E+00
                 PROPL
                Se
TOL
XYLEN
                                                         137
145
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
1,978E-02
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
1.978E-02
                                                         152
                 NTXPM
                                                                                                                                                                                      1.375E+03
                                           43 CONVEYING
S = 8760.00
                FOR SOURCE #
                                                                             SURFACE AREA (m2) = 1.000E+00 DEPOSITION ADJUST. FACTOR = 1.00000
                OPERATING HOURS =
                 POLLUTANT NAME POLLUTANT NUMBER
                                                                                                       1-HOUR RATE
                                                                                               (g/s) (lb/hr)
                                                                                                                                                           (g/s) (1b/yr)
                                                                                        0,000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                 ACETA
                                                                                        0.000E+00
1.101E-06
0.000E+00
                                                                                                                                                                                      0.000E+00
7.655E-02
0.000E+00
                 ACROL
                                                           10
13
17
22
36
                As
BENZE
                                                                                        1.996E-06
5.920E-08
1.941E-08
                                                                                                                       1.584E-05
4.698E-07
1.540E-07
                                                                                                                                                      1.297E-06
3.848E-08
1.261E-08
                                                                                                                                                                                      9.017E-02
2.675E-03
8.767E-04
                Cr
                                                                                      1.941E-08
0.000E+00
0.000E+00
1.154E-06
0.000E+00
0.000E+00
1.009E-07
                                                                                                                       1.540E-07
0.000E+00
0.000E+00
0.000E+00
9.159E-06
0.000E+00
8.008E-07
                                                           38
70
79
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                 Cu
                 HCN
                                                                                                                                                      7.502E-07
0.000E+00
0.000E+00
                                                                                                                                                                                      5.216E-02
0.000E+00
0.000E+00
                 Pb
                                                           85
87
                Hg
Ni
                                                                                                                                                      6.560E-08
0.000E+00
0.000E+00
                                                                                                                                                                                      4.561E-03
0.000E+00
                 NAPTH
                                                                                       0,000E+00
0,000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
                                                         130
                 PAH
                                                          134
                                                                                                                                                                                      0.000E+00
                 PROPL
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
2.523E-02
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
                 Se
                                                          137
                                                                                                                                                                                      0.000E+00
                                                         145
151
                                                                                                                                                                                      0.000E+00
                 XYLEN
                                                                                                                       0.000E+00
3.081E-01
                                                                                                                                                                                      0.000E+00
1.754E+03
                                                                                        0.000E+00
                 NTXPM
                                                                                        3.882E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Output File: g:\ace\GQ91\GQTFACE.OUT
                                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * IT 11/07/95 09:51:16 Page - 31
```

FOR SOURCE # 44 TRU-WST 1 OPERATING HOURS = 8760.00 SURFACE AREA (m2) = 4.900E+05 DEPOSITION ADJUST. FACTOR = 1.00000

								4 37	WILL DAME		
	POLLUTANT	NAME I	POLLUTANT	NUMBER	1-HO (g/s)	UR	RATE (lb/hr)	AN (g/s)	(lb/yr)		
	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PROPL Se TOL XYLEN		22 36 38 70 79 83 85 87 111 110 130 134 137 145		0.000E+00 0.000E+00 3.204E-06 0.000E+00 1.175E-08 1.156E-07 1.879E-08 0.000E+00 0.000E+00 4.896E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		0.000E+00 0.000E+00 2.543E-05 0.000E+00 9.325E-08 9.175E-07 1.491E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.539E-06 0.000E+00 9.307E-09 9.158E-08 1.489E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.765E-01 0.000E+00 6.471E-04 6.367E-03 1.035E-03 0.000E+00 0.000E+00 2.697E-02 0.000E+00 4.710E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		
	Zn NTXPM		152 998		3.759E-02		2.983E-01	2.978E-02	0.000E+00 2.070E+03		
	FOR SOURCE OPERATING	# 45 HOURS =	5 TRU-WS = 8760.	ST 2 .00	SURFACE AREA (m2)					1.00000	
	POLLUTANT	NAME 1	POLLUTANT	NUMBER	1-HO (g/s)	UR	RATE (lb/hr)	AN (g/s)	NUAL RATE (lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb		1 3 10 13 17 22 36 38 70 79 83		0.000E+00 0.000E+00 5.886E-07 0.000E+00 2.157E-09 2.123E-08 3.452E-09 0.000E+00 0.000E+00 8.992E-08		0.000E+00 0.000E+00 4.671E-06 0.000E+00 1.712E-08 1.685E-07 2.740E-08 0.000E+00 0.000E+00 7.137E-07	0.000E+00 0.000E+00 4.663E-07 0.000E+00 1.709E-09 1.682E-08 2.735E-09 0.000E+00 0.000E+00 7.125E-08	0.000E+00 0.000E+00 3.242E-02 0.000E+00 1.188E-04 1.169E-03 1.901E-04 0.000E+00 0.000E+00 4.954E-03		
COLDEN QU	HEEN MINING	- SOLI	EDAD MIN I	PROJECT	- ALL RECEPTORS, 1	991	MET. TSP	* OUTPUT OF	AMI/SBCAPCD ACE	2588 MODEL	VERS. 93288 * Page - 32
	Mm Hg Ni NAPTH PAH FROPL Se TOL XYLEN Zn NTXPM		85 87 111 110 130 134 137 145 151 152 998		0.000E+00 0.000E+00 1.571E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	•	0.000E+00 0.000E+00 1.247E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.479E-02	0.000E+00 0.000E+00 1.244E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.470E-03	0.000E+00 0.000E+00 8.649E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.803E+02		-
	FOR SOURCE	# 40	6 TRU-W	ST_3	SURFACE AREA (m2)	=	9.000E+04	DEPOSITION AD	JUST. FACTOR =	1.00000	
	POLLUTANT	NAME I	POLLUTANT	NUMBER	1-HC (g/s)	UR	RATE (lb/hr)	AN (g/s)	NUAL RATE (lb/yr)		
)	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM		1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152		0.000E+00 0.000E+00 5.886E-07 0.000E+00 2.157E-09 2.123E-08 3.452E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		0.000E+00 0.000E+00 4.671E-06 0.000E+00 1.712E-08 1.685E-07 2.740E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 4.663E-07 0.000E+00 1.709E-09 1.682E-08 2.735E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.242E-02 0.000E+00 1.188E-04 1.169E-03 1.901E-04 0.000E+00		81
	FOR SOURCE OPERATING				SURFACE AREA (m2)	_	1.936E+05	DEPOSITION AD	JUST. FACTOR =	1.00000	

	POLLUTANT NAME	POLLUTANT NUMBER	1- (g/s)	HOUR RATE (lb/hr)	ANNI (g/s)	JAL RATE (lb/yr)	
	ACETA	1	•	0.000E+00		0.000E+00	
EN QU Input Fi	le: g:\ace\GQ91\	GQTPACE.DAT	- ALL RECEPTORS, Output File:	1991 MET, TSP g:\ace\GQ91\GQTP	* OUTPUT OF ACE.OUT	AMI/SBCAPCD ACE2588 MOI 11/07/95 09:51	DEL VERS. 93288 * :16 Page - 33
	ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 1.266E-06 0.000E+00 4.641E-09 4.567E-08 7.425E-09 0.000E+00	0.000E+00 1.005E-05 0.000E+00 3.683E-08 3.625E-07 5.893E-08 0.000E+00	0.000E+00 1.003E-06 0.000E+00 3.677E-09 3.618E-08 5.884E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.177E-02	0.000E+00 6.973E-02 0.000E+00 2.556E-04 2.515E-03 4.091E-04 0.000E+00 0.000E+00 1.066E-02 0.000E+00 1.861E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE #	/0 TDII_WCT 5				UST. FACTOR = 1.0000	0
	POLLUTANT NAME	POLLUTANT NUMBER	1-	HOUR RATE	ANN (g/s)	UAL RATE	8
)	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg NI NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 2.125E-06 0.000E+00 7.788E-09 7.664E-08 1.246E-08 0.000E+00	0.000E+00 0.000E+00 1.687E-05 0.000E+00 6.181E-08 6.083E-07 9.889E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.683E-06 0.000E+00 6.171E-09 6.072E-08 9.874E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.170E-01 0.000E+00 4.290E-04 4.221E-03 6.865E-04 0.000E+00 0.000E+00 1.788E-02 0.000E+00 3.124E-03 0.000E+00	
GOLDEN Q Input Fi	UEEN MINING - SC le: g:\ace\GQ91\	LEDAD MTN PROJECT GQTPACE.DAT	- ALL RECEPTORS, Output File:	1991 MET, TSP g:\ace\GQ91\GQTI	* OUTPUT OF PACE.OUT	AMI/SBCAPCD ACE2588 MO 11/07/95 09:51	DEL VERS. 93288 *:16 Page - 34

		1.706E+05	DEPOSITION ADJUS	T, FACTOR = 1.00000
POLLUTANT NAME POLLUTANT NUMBER	1-HOUI (g/s)	R RATE (lb/hr)	ANNUA (g/s)	L RATE (lb/yr)
ACETA 1 ACROL 3 As 10 BENZE 13 Be 17 Cd 22 Cr 36 Cu 38 HCHO 70 HCN 79 Pb 83 Mm 85 Hg 87 Ni 111 NAPTH 110 PAH 130 PROPL 134 Se 137 TOL 145 XYLEN 151 Zn 152	0.000E+00 0.000E+00 1.115E-06 0.000E+00 4.089E-09 4.023E-08 6.542E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.977E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.849E-06 0.000E+00 3.245E-08 3.193E-07 5.192E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.838E-07 0.000E+00 3.240E-09 3.188E-08 5.184E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 6.145E-02 0.000E+00 2.253E-04 2.216E-03 3.604E-04 0.000E+00 0.000E+00 9.386E-03 0.000E+00 0.000E+00 1.640E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

	FOR SOURCE # 5	0 DOZING_WASTE_I	DUMP1					
					DEPOSITION ADJUST		1.00000	
		POLLUTANT NUMBER	(g/s)	JR RATE (lb/hr)	ANNUAL (g/s)	(lb/yr)		
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb	1 3 10 13 17 22 36 38 70 79 83	0.000E+00 0.000E+00 1.526E-05 0.000E+00 5.594E-08 5.505E-07 8.951E-08 0.000E+00 0.000E+00 2.332E-06	0.000E+00 0.000E+00 1.211E-04 0.000E+00 4.440E-07 4.369E-06 7.104E-07 0.000E+00 0.000E+00 1.851E-05	0.000E+00 0.000E+00 1.713E-06 0.000E+00 6.280E-09 6.179E-08 1.005E-08 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.191E-01 0.000E+00 4.366E-04 4.296E-03 6.987E-04 0.000E+00 0.000E+00 1.819E-02		
GOLDEN QU Input Fi		OTPACE, DAT	Output File: g	991 MET, TSP :\ace\GO91\GOTPA	* OUTPUT OF AMI, CE.OUT	/SBCAPCD ACE: 11/07/95	2588 MODEL 09:51:16	VERS. 93288 * Page - 35
•	Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 4.073E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.233E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.421E+00	0.000E+00 0.000E+00 4.572E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.179E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.397E+03		
	FOR SOURCE # 5	01 DOZING_WASTE_I = 8760.00	DUMP2 SURFACE AREA (m2) =	= 9.000E+04	DEPOSITION ADJUST	. FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-HO	JR RATE	ANNUAL	RATE		
)	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mm Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 2.803E-06 0.000E+00 1.028E-08 1.011E-07 1.644E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 7.481E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.225E-05 0.000E+00 8.159E-08 8.024E-07 1.305E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	(8/s) 0.000E+00 0.000E+00 3.146E-07 0.000E+00 1.153E-09 1.135E-08 1.845E-09 0.000E+00	0.000E+00 0.000E+00 2.187E-02 0.000E+00 8.016E-05 7.891E-04 1.283E-04 0.000E+00		
	FOR SOURCE # 5	02 DOZING_WASTE_I = 8760.00		= 9.000E+04	DEPOSITION ADJUST	. FACTOR =	1.00000	
	POLLUTANT NAME	POLLUTANT NUMBER	1-но	JR RATE	ANNUAL	RATE		
	ACETA	1		(1b/hr) 0.000E+00	(g/s) 0.000E+00			
GOLDEN QU	JEEN MINING - SOL Le: g:\ace\GO91\G	EDAD MTN PROJECT -	- ALL RECEPTORS, 19 Output File: g	991 MET, TSP :\ace\GQ91\GQTPA	* OUTPUT OF AMI,	/SBCAPCD ACE: 11/07/95		VERS. 93288 * Page - 36
)	ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mm Hg Ni NAPTH PAH PROPL Se TOL	3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137	0.000E+00 2.803E-06 0.000E+00 1.028E-08 1.011E-07 1.644E-08 0.000E+00 0.000E+00 4.283E-07 0.000E+00 0.000E+00 7.481E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 2.225E-05 0.000E+00 8.159E-08 8.024E-07 1.305E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.146E-07 0.000E+00 1.153E-09 1.135E-08 1.845E-09 0.000E+00 0.000E+00 0.000E+00 4.807E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 2.187E-02 0.000E+00 8.016E-05 7.891E-04 1.283E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.838E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00		50
	XYLEN	151	0.000E+00	0.000E+00	0.000E+00	0.000E+00		

	Zn NTXPM	152 998	0.000E+00 3.288E-02	0.000E+00 2.610E-01	0.000E+00 3.691E-03	0.000E+00 2.566E+02	
	FOR SOURCE # 53 OPERATING HOURS =	B DOZING WASTE_DU 8/60.00 SU	JMP4 JRFACE AREA (m2) =	1.936E+05	DEPOSITION ADJUS	ST, FACTOR = 1.0	10000
	POLLUTANT NAME F		1-HOUR (g/s)	/11 /L _1	ANNUA	/12 / 1	
GOLDEN Q Input Fi	MIAPPI	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 6.030E-06 0.000E+00 2.210E-08 2.175E-07 3.537E-08 0.000E+00 0.000E+00 9.213E-07 0.000E+00 0.000E+00 1.609E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 4.786E-05 0.000E+00 1.754E-07 1.726E-06 2.807E-07 0.000E+00 0.000E+00 7.312E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 6.768E-07 0.000E+00 2.481E-09 2.441E-08 3.970E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 4.705E-02 0.000E+00 1.725E-04 1.697E-03 2.760E-04 0.000E+00	3 MODEL VERS. 93288 * 9:51:16 Page - 37
			JMP5 JRFACE AREA (m2) =				
	POLLUTANT NAME E		1-HOUR (g/s)	RATE (1b/hr)	ANNUA	AL RATE (lb/yr)	
\cap	ACETA ACROL As BENZE	1 3 10 13 17 22 36 38 70 79 83 85	0.000E+00 0.000E+00 1.012E-05	0.000E+00 0.000E+00 8.032E-05	0.000E+00 0.000E+00 1.136E-06 0.000E+00 4.164E-09 4.097E-08 6.662E-09 0.000E+00 0.000E+00 1.735E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.898E-02	
	Be Cd Cr	17 22 36	3.709E-08 3.650E-07 5.935E-08	2.944E-07 2.897E-06 4.710E-07	4.164E-09 4.097E-08 6.662E-09	2.895E-04 2.848E-03 4.632E-04	
	Cu HCHO HCN	38 70 79	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
3	Pb Mn Hg	83 85 87	1.546E-06 0.000E+00 0.000E+00	1.227E-05 0.000E+00 0.000E+00	1.735E-07 0.000E+00 0.000E+00	1.206E-02 0.000E+00 0.000E+00	
	NAPTH	110	2.700E-07 0.000E+00	2.143E-06 0.000E+00	3.031E-08 0.000E+00	2.107E-03 0.000E+00	
	PAH PROPL Se	130 134 137					
	TOL XYLEN	145 151	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 1.332E-02	0.000E+00 0.000E+00	
	Zn NTXPM	152 998	0.000E+00 1.187E-01	0.000E+00 9.421E-01	0.000E+00 1.332E-02	0.000E+00 9.261E+02	
	FOR SOURCE # 55 OPERATING HOURS =	DOZING WASTE DI 8760.00 SI	JMP6 JRFACE AREA (m2) =	1.706E+05	DEPOSITION ADJUS	ST. FACTOR = 1.0	00000
	POLLUTANT NAME F	POLLUTANT NUMBER		(lb/hr)	ANNUA (g/s)	AL RATE (lb/yr)	
	ACETA ACROL	1 3	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00 4.146E-02	
	As BENZE	3 10 13	5.313E-06 0.000E+00	4.217E-05 0.000E+00	5,963E-07 0.000E+00	0.000E+00	
	Be Cd Cr	10 13 17 22 36	1.947E-08 1.916E-07 3.116E-08	1,343E-07 1,521E-06 2,473E-07	2.151E-08 3.498E-09	1,520E-04 1,495E-03 2,432E-04	
	Cu HCHO	36 38 70 79 83	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	1.495E-03 2.432E-04 0.000E+00 0.000E+00	
	HCN Pb	79 83	0.000E+00 8.117E-07	0.000E+00 6.442E-06	0.000E+00 0.000E+00 5.963E-07 0.000E+00 2.186E-09 2.151E-08 3.498E-09 0.000E+00 0.000E+00 0.000E+00 9.111E-08	0.000E+00 6.334E-03	
	UEEN MINING - SOLE le: g:\ace\GQ91\GQ	DAD MTN PROJECT - TPACE.DAT		1 MET. TSP	* OUTPUT OF AN	4I/SBCAPCD ACE2588 11/07/95 09	3 MODEL VERS. 93288 * 9:51:16 Page - 38
	Mn Hg	85 87	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
	Ni NAPTH PAH	111 110 130	1.418E-07 0.000E+00 0.000E+00	1.125E-06 0.000E+00 0.000E+00	0.000E+00 1.591E-08 0.000E+00 0.000E+00	1.106E-03 0.000E+00 0.000E+00	
						= ••	

	PROPL Se TOL XYLEN Zn NTXPM	134 137 145 151 152 998	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.232E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.946E-01	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.995E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.863E+02	
	FOR SOURCE # SOPERATING HOURS	56 WIND_EROSION1 = 8760.00	SURFACE AREA (m2) =	4.900E+05	DEPOSITION ADJU	ST. FACTOR = 1,0000	00
		POLLUTANT NUMBER	1-HOUR	RATE (lb/hr)	ANNU (g/s)	AL RATE (lb/yr)	
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn Napth PAH PROPL Se TOL XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 111 110 130 134 137 145 151 152 998	(8/s) 0.000E+00 0.000E+00 2.037E-05 0.000E+00 7.467E-08 7.348E-07 1.195E-07 0.000E+00	0.000E+00 0.000E+00 1.617E-04 0.000E+00 5.926E-07 5.832E-06 9.484E-07 0.000E+00	0.000E+00 0.000E+00 6.366E-06 0.00DE+00 2.334E-08 2.296E-07 3.734E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 4.426E-01 0.000E+00 1.623E-03 1.596E-02 2.596E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE # :	รว ผาทก สอกรากทว	SURFACE AREA (m2) =	9.000E+04	DEPOSITION ADJU	ST. FACTOR = 1.000	00
DEN QU	ACETA JEEN MINING - SOI Le: g:\ace\GO91\0	LEDAD MIN PROJECT	Output File: R:\a	1 MET, TSP	* OUTPUT OF A	MI/SBCAPCD ACE2588 M 11/07/95 09:5	DDEL VERS, 93288 * 1:16 Page - 39
	ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb MM Ni NAPTH PAH PAH PAH PTOPL Se TOL XYLEN Zn NTXPM	3 10 13 17 22 36 38 70 63 85 111 110 130 134 137 1451 152 998	0.000E+00 3.742E-06 0.000E+00 1.372E-08 1.350E-07 2.194E-08 0.000E+00 0.000E+00 5.717E-07 0.000E+00 0.000E+00 9.985E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 2.970E-05 0.000E+00 1.089E-07 1.071E-06 1.741E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 7.925E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.169E-06 0.000E+00 4.286E-09 4.218E-08 6.858E-09 0.000E+00 0.000E+00 1.787E-07 0.000E+00 3.120E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.372E-02	0.000E+00 8.127E-02 0.000E+00 2.980E-04 2.933E-03 4.768E-04 0.000E+00	
	FOR SOURCE # OPERATING HOURS	58 WIND EROSION3 = 8760.00	SURFACE AREA (m2) =	9.000E+04	DEPOSITION ADJU	ST. FACTOR = 1.000	00
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (lb/hr)	ANNU (g/s)	AL RATE (1b/yr)	
)	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Fb Mm Hg Ni NAPTH PAH	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110	0.000E+00 0.000E+00 3.742E-06 0.000E+00 1.372E-08 1.350E-07 2.194E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.970E-05 0.000E+00 1.089E-07 1.071E-06 1.741E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.169E-06 0.000E+00 4.286E-09 4.218E-08 6.858E-09 0.000E+00 0.000E+00 0.000E+00 1.787E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 8.127E-02 0.000E+00 2.980E-04 2.933E-03 4.768E-04 0.000E+00 0.000E+00 0.000E+00 1.242E-02 0.000E+00 0.000E+00 0.000E+00 0.000E+00	

GOLDEN QU Input Fi	PROPL Se TOL XYLEN Zn NTXPM UEEN MINING - SOLI le: g:\ace\GQ91\G	134 137 145 151 152 998 EDAD MIN PROJECT - QTPACE.DAT	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.389E-02 ALL RECEPTORS, 199 Output File: g:\	1 MET TSP	* OUTPUT OF	AMT/SRCAPCD ACE258	8 MODEL VERS, 93288 * 9:51:16 Page - 40
	FOR SOURCE # 50	9 WIND EROSION4 = 8760.00 S	URFACE AREA (m2) =	1.936E+05	DEPOSITION ADJ	UST. FACTOR = 1.	00000
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR (g/s)		ANNI (g/s)	UAL RATE (1b/yr)	
	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	1 3 10 13 17 22 36 38 70 79 83 85 87 111 130 134 137 145 151 152	(g/s) 0.000E+00 0.000E+00 8.0448E-06 0.000E+00 2.950E-08 2.903E-07 4.721E-08 0.000E+00	0.000E+00 0.000E+00 6.387E-05 0.000E+00 2.341E-07 2.304E-06 3.747E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.515E-06 0.000E+00 9.220E-09 9.073E-08 1.475E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 1.749E-01 0.000E+00 6.410E-04 6.308E-03 1.025E-03 0.000E+00 0.000E+00 2.672E-02 0.000E+00 0.000E+00 4.666E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE # 6		URFACE AREA (m2) =	3.249E+05			00000
)	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR	RATE (1b/hr)	(g/s)	UAL RATE (lb/yr)	
	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb	1 3 10 13 17 22 36 38 70 79 83	0.000E+00 0.000E+00 1.351E-05 0.000E+00 4.951E-08 4.872E-07 7.922E-08 0.000E+00 0.000E+00 0.000E+00 2.064E-06	0.000E+00 0.000E+00 1.072E-04 0.000E+00 3.929E-07 3.867E-06 6.287E-07 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 4.221E-06 0.000E+00 1.547E-08 1.523E-07 2.476E-08 0.000E+00 0.000E+00 6.449E-07	0.000E+00 0.000E+00 2.935E-01 0.000E+00 1.076E-03 1.059E-02 1.721E-03 0.000E+00 0.000E+00 4.484E-02	
GOLDEN QU Input Fi	UEEN MINING - SOLT le: g:\ace\GQ91\G	EDAD MTN PROJECT - QTPACE.DAT	ALL RECEPTORS, 199	1 MET TSP	* DUTPUT OF	AMI/SBCAPCD ACE258	8 MODEL VERS. 93288 * 9:51;16 Page - 41
	Mm Hg NI NAPTH FAH PROPL Se TOL XYLEN Zn NTXPM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 3.605E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.861E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.257E+00	0.000E+00 0.000E+00 1.126E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.952E-02	0.000E+00 0.000E+00 7.828E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.443E+03	
	FOR SOURCE # 6 OPERATING HOURS	1 WIND EROSION6 = 8760.00 S	URFACE AREA (m2) =	1.706E+05	DEPOSITION ADJ	UST. FACTOR = 1.	00000
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR (g/s)	RATE (1b/hr)	ANN (g/s)	UAL RATE (1b/yr)	
j	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCHO HCN Pb	1 3 10 13 17 22 36 38 70 79 83 85	0.000E+00 0.000E+00 7.091E-06 0.000E+00 2.599E-08 2.558E-07 4.159E-08	0.000E+00 0.000E+00 5.628E-05 0.000E+00 2.063E-07 2.030E-06 3.301E-07 0.000E+00 0.000E+00 8.595E-06 0.000E+00	0.000E+00 0.000E+00 2.216E-06 0.000E+00 8.123E-09 7.993E-08 1.300E-08 0.000E+00 0.000E+00 0.000E+00 3.386E-07 0.000E+00	0.000E+00 0.000E+00 1.541E-01 0.000E+00 5.647E-04 5.557E-03 9.038E-04 0.000E+00 0.000E+00 0.000E+00 2.354E-02 0.000E+00	

0	NIXEM	87 111 110 130 134 137 145 151 152 998	0.000E+00 1.892E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.318E-02	0.000E+00 1.502E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.602E-01	0.000E+00 5.914E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.599E-02	0.000E+00 4.112E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.807E+03	
	FOR SOURCE # 62 OPERATING HOURS =	8760.00	SURFACE AREA (m2)	= 2.209E+05	DEPOSITION ADJUS	ST. FACTOR = 1.00000	
	POLLUTANT NAME PO	LLUTANT NUMBER	1-HO	JR RATE (lb/hr)	ANNUA	AL RATE (lb/yr)	
	ACETA	1			0.000E+00		
GOLDEN Q	UEEN MINING - SOLED le: g:\ace\GQ91\GQT	AD MTN PROJECT PACE, DAT	- ALL RECEPTORS, 1 Output File: g	991 MET, TSP :\ace\GQ91\GQTPAC	* OUTPUT OF AME.OUT	MI/SBCAPCD ACE2588 MODE 11/07/95 09:51:1	L VERS, 93288 * 6 Page - 42
	ACROL As BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mm Hg Ni NAPTH FAH PROPL Se TOL XYLEN Zn NTXPM	3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998		0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 8.270E-01 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE # 63 OPERATING HOURS = POLLUTANT NAME PO	87 <u>6</u> 0,00			DEPOSITION ADJU	ST, FACTOR = 1.00000	
	PULLUIANI NAPE PO		(g/s)	(lb/hr)	(g/s)	(lb/yr)	
	ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn NAPTH PAH PAH PAH PAH PAH TO	1 3 10 13 17 22 36 38 70 79 83 87 111 110 130 134 137 145 151 152 998	0.000E+00 1.042E-01 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.00E+00 8.270E-01 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 7.244E+03 0.000E+00	
GOLDEN Q Input Fi	UEEN MINING - SOLED le: g:\ace\GQ91\GQT	AD MTN PROJECT PACE.DAT	- ALL RECEPTORS, 1 Output File: 8	991 MET, ÎSP :\ace\GQ91\GQTPAC	* OUTPUT OF AI E.OUT	MI/SBCAPCD ACE2588 MODE 11/07/95 09:51:1	L VERS. 93288 * 6 Page - 43
	FOR SOURCE # 64 OPERATING HOURS =	ORE PAD3 8750.00	SURFACE AREA (m2)	= 2.209E+05	DEPOSITION ADJU	ST. FACTOR = 1.00000	
	POLLUTANT NAME PO	LLUTANT NUMBER	1-HO (g/s)	UR RATE (1b/hr)	ANNU.	AL RATE (lb/yr)	
			(0,0)				

0	HCHO HCN Pb Mn Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXPM	70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 1.042E-01 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 1.042E-01 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 7.244E+03 0.000E+00	
	FOR SOURCE # OPERATING HOURS	65 MERCURY RETORT = 8760.00 S	JRFACE AREA (m2) =	1.000E+00	DEPOSITION ADJUST	I. FACTOR = 1.0	0000
	POLLUTANT NAME	POLLUTANT NUMBER	1-HOU (g/s)	R RATE (lb/hr)	ANNUAI	L RATE (lb/yr)	
	ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCHO Pb	1 3 10 13 17 22 36 38 70 79 83	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
GOLDEN Q Input Fi	UEEN MINING - SOI le: g:\ace\GQ91\0	GQTPACE.DAT	ALL RECEPTORS, 19 Output File: g:	991 MET, TSP \ace\GQ91\GQTPAC	* OUTPUT OF AM: E.OUT	I/SBCAPCD ACE2588 11/07/95 09	MODEL VERS. 93288 *:51:16 Page - 44
	Mm Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXFM	85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	FOR SOURCE #						
	OPERATING HOURS		JRFACE AREA (m2) =	1.000E+00	DEPOSITION ADJUST	r. FACTOR = 1.00	0000
	OPERATING HOURS		1-HOL	R RATE	ANNUA	L RATE	0000
	OPERATING HOURS	= 8760,00 S	1-HOU (g/s)	R RATE (lb/hr)	ANNUAL (g/s)	L RATE (lb/yr)	0000
	OPERATING HOURS POLLUTANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Fb Mm Hg N1 NAPTH FAH FAH FROPL Se TOL XYLEN Zn	= 8760.00 SI POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 70 79 83 85 87 111 110 130 134 137 145 151 152 998	1-HOL (8/s) 0.000E+00	(lb/hr) 0.000E+00	ANNUAL (8/5) 0.000E+00	(lb/yr) 0.000E+00	0000
	POLLUTANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Fb Mm Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXFM FOR SOURCE # OPERATING HOURS	= 8760.00 SI POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 70 79 83 85 87 111 110 130 134 137 145 151 152 998	1-HOL (g/s) 0.000E+00	(1b/hr) 0.000E+00	ANNUAL (8/s) 0.000E+00	C RATE (lb/yr) 0.000E+00	
	POLLUTANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Fb Mm Hg Ni NAPTH PAH PROPL Se TOL XYLEN Zn NTXFM FOR SOURCE # OPERATING HOURS	= 8760.00 SI POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 70 79 83 85 87 111 110 130 134 137 145 151 152 998 57 FURNACE 8760.00 SI	1-HOL (g/s) 0.000E+00	(R RATE (lb/hr) 0.000E+00	ANNUAL (8/5) 0.000E+00	(lb/yr) 0.000E+00	
	OPERATING HOURS POLLUTANT NAME ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCN Pb Mm NAPTH PAH PROPL Se TOL XYLEN Zn NTXFM FOR SOURCE # OPERATING HOURS POLLUTANT NAME ACETA	= 8760.00 SI POLLUTANT NUMBER 1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998 57 FURNACE 8760.00 SI POLLUTANT NUMBER 1 LEDAD MIN PROJECT -	1-HOL (8/s) 0.000E+00	(lb/hr) 0.000E+00	ANNUAL (8/s) 0.000E+00	(lb/yr) 0.000E+00	

C C C C C C C C C C C C C C C C C C C	Se dd Cr Lu LCHO GCN Pb th LS LL LAPTH PROPL Se COL LYLEN LN LX LYLEN LN LX LYLEN LN	17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 1.467E-05 1.389E-07 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.164E-04 1.102E-06 0.000E+00	0.000E+00 6.112E-07 5.788E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 4.249E-02 4.024E-04 0.000E+00
E C	FOR SOURCE # OPERATING HOURS	68 DIESEL TANK = 8760.00	SURFACE AREA (m2)	= 1.000E+00	DEPOSITION ADJUST	r. FACTOR = 1.00000
I		POLLUTANT NUMBER	1-HO (g/s)	UR RATE (lb/hr)	ANNUA (g/s)	L RATE (lb/yr)
H H H H H H H H H H H H H H H H H H H	nafth Pah Propl 50 Iol Kylen Utxpm	1 3 10 13 17 22 36 38 70 79 83 85 87 111 110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00		0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
OUE	EN MINING - SO	LEDAD MTN PROJECT	- ALL RECEPTORS, 1	991 MET. TSP	* OUTPUT OF AM	I/SBCAPCD ACE2588 MODE

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 46

*** INPUT FACILITY-WIDE EMISSION RATES ***

POLLUTANT NAME	POLLUTANT NUMBER	1-HOU	R RATE	ANNUAL RATE			
		(g/s)	(lb/hr)	(g/s)	(lb/yr)		
ACETA ACROL AS BENZE Be Cd Cr Cu HCHO HCHO HCN Pb Mn Hg	1 3 10 13 17 22 36 38 70 79 83 85 85	0.000E+00 0.000E+00 3.263E-02 0.000E+00 3.825E-02 1.156E-03 3.731E-04 0.000E+00 0.000E+00 3.137E-01 2.214E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 2.590E-01 0.000E+00 3.036E-01 9.173E-03 0.000E+00 0.000E+00 2.490E+00 1.757E-01 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 7.514E-04 0.000E+00 1.141E-04 2.761E-05 4.944E-06 0.000E+00 0.000E+00 3.144E-01 1.649E-04 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 5.224E+01 0.000E+00 7.936E+00 1.920E+00 3.437E-01 0.000E+00 0.000E+00 2.186E+04 1.147E+01 0.000E+00 0.000E+00		
NAPTH PAH PROPL Se TOL XYLEN Zn NIXPM	110 130 134 137 145 151 152 998	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 7.458E+02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 5.919E+03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 9.875E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 6.866E+05		

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 47

*** INPUT POLLUTANT BACKGROUND CONCENTRATIONS (ug/m3) ****

POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR BACKG.	ANNUAL BACKG.
ACETA	1	0.000E+00	0.000E+00
ACROL	3	0.000E+00	0.000E+00
As	10	0.000E+00	0.000E+00

13	0.000E+00	0.000E+00
		0.000E+00
22	0.000E+00	Q.000E+00
36	0.000E+00	0.000E+00
		0.000E+00
		0.000E+00
79	0.000E+00	0,000E+00
83	0.000E+00	0.000E+00
85	0.000E+00	0.000E+00
87	0.000E+00	0.000E+00
		0.000E+00
110	0.000E+00	0.000E+00
130	0.000E+00	0,000E+00
134	0.000E+00	0.000E+D0
137	0.000E+00	0.000E+00
145	0.000E+00	0.000E+00
151	0 000E+00	0.000E+00
		0.000E+00
998	0.000E+00	0.000E+00
	85 87 111 110 130 134 137	17

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 48

*** INPUT RECEPTOR DATA ***

PEC	EPTOR #	RECEPTOR NAME	X-COORD	Y-COORD	ELEVATION P	אחדדב.זווקה	GARDEN FRAC	SCREEN X/	'n
KEC	1	RECEPTOR NAME 24-1 20-1 20-2 13-1 13-2 13-3 16-1 16-2 16-3 12-1 9-1 5-1 31-1 31-2 31-3 31-4 32-2 31-3 32-4 PROP.001 PROP.002 PROP.003 PROP.004 PROP.005 PROP.006 PROP.007 PROP.006 PROP.007 PROP.007 PROP.008 PROP.001 PROP.011 PROP.011 PROP.011 PROP.011 PROP.011 PROP.012 PROP.013 PROP.014 PROP.015 PROP.016 PROP.017 PROP.017 PROP.018 PROP.018 PROP.019 PROP.019 PROP.019 PROP.019 PROP.010 PROP.010 PROP.011 PROP.011 PROP.012 PROP.011 PROP.015 PROP.016 PROP.017 PROP.017 PROP.018 PROP.019 PROP.019 PROP.019 PROP.010 PROP.010 PROP.010 PROP.010 PROP.011 PROP.011 PROP.012 PROP.014 PROP.015 PROP.016 PROP.017 PROP.017 PROP.018 PROP.019 PROP.020 PROP.021 PROP.021 PROP.022 PROP.023 PROP.024	389400.00	3868050.00	2760.00	0	0.00000	0.000E+00	•
	2	20-1	392550.00	3868000,00			0.00000	0.000E+00	
	3	20-2	392600.00	3868000.00	2650.00	0	0.00000	0.000E+00	1
	4	13-1	390250.00	3868800.00	2760.00	0	0.00000	0.000E+00	
	5	13-2	390300.00	3868750.00	2760.00	0	0.00000	0.000E+00	
	6	13-3	390300.00	3868500.00	2760.00	0	0.00000	0.000E+00	
	7 8	16-1	393500.00	3868200.00 3868300.00	2610.00 2600.00	0	0.00000	0.000E+00	
	9	16-1 16-2 16-3 12-1 9-1	393750.00	3868450.00	2590.00		0.00000	0.000E+00	
	10	12-1	389750.00	3870450.00	2820.00	ŏ	0.00000	0.000E+00	
	11	9-1	395050.00	3870600.00	2590.00	Ö	0.00000 0.00000 0.00000	0.000E+00	
	12	5-1 31-1 31-2	392200.00	3870600.00 3872600.00	2840.00	0	0.00000	0.000E+00	
	13	31-1	390800.00	3873450.00	2810.00	0	0,00000	0.000E+00	
	14	31-2	390750.00	3873400.00	2810.00	0	0.00000	0.000E+00	
	15	31-3	390700.00	3873400.00 3873200.00	2820.00 2820.00	0	0.00000	0.000E+00	
	16	31-4	390650.00	3873700.00	2710.00	ŭ	0.00000	0.000E+00	
1	17 18	32-1	393300.00	3873750.00	2740.00	0	0.00000 0.00000 0.00000 0.00000	0.000E+00	
1)	19	32-2	391950 00	3873950.00	2760.00	ŏ	0.00000	0.000E+00	
d.	20	32~4	391900.00	3873400.00	2780.00	Ö	0.00000	0.000E+00	
	21	PROP.001	388603.00	3870477.00	2860.00	0	0.00000	0.000E+00	
	22	PROP.002	388600.00	3870680.00	2860.00	0	0.00000	0.000E+00	
	2.3	PROP.003	388598.00	3870883.00	2860.00	0	0.00000	0.000E+00	
	24	PROP.004	388595.00	3871086.00 3871290.00	2870.00	0	0.00000	0.000E+00	
	24 25 26 27	PROP. 005	388593.00	38/1290.00	2875.00	0	0.00000	0.000E+00 0.000E+00	
	26	PROP.006	388814 00	3871288.00	2860.00 2870.00	ŏ	0.00000	0.000E+00	
	28	PROP 608	388815.00	3871483.00 3871678.00 3871676.00	2880.00	ŏ	0.00000	0.000E+00	
	29	PROP. 009	388916.00	3871676.00	2880.00	Ō	0,00000	0.000E+00	
	29 30	PROP.010	388916.00	3871482.00	2860.00	0	0 00000	0.000E+00	
	31	PROP.011	388916.00	3871482.00 3871288.00	2860.00	0	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.000E+00	
	32	PROP.012	389019.00	3871287.00 3871481.00 3871676.00 3871674.00 3871672.00 3871670.00	2860.00	0	0,00000	0.000E+00	
	33 34 35	PROP.013	389020.00	3871481.00	2860.00	0	0.00000	0.000E+00	
	34	PROP.014	389021.00	3871676.00	2860.00	0	0.00000	0.000E+00	
	35	PROP. 015	389264.00	38/16/4.00	2860.00 2840.00	Ü	0.00000	0.000E+00 0.000E+00	
	36 37	PROP. 017	389307.00	3871672.00	2840.00	ŏ	0.00000	0.000E+00	
	36	PROF, 017	389759 00	3871788,00	2850.00	ő	0.00000	0.000E+00	
	39	PROP 019	389778.00	3871908.00	2850.00	Ö	0.00000	0.000E+00	
	40	PROP. 020	389826.00	3872073.00	2850.00	0	0.00000	0.000E+00	
	41	PROP,021	389928.00	3872073.00 3872271.00	2850.00	0	0.00000	0,000E+00	
	42	PROP.022	390027.00	3872472.00	2850.00	0	0.00000	0.000E+00	
	43	PROP,023	390000.00	3872474.00	2850.00	0	0.00000	0,000E+00	
	44	PROP.024	389995.00	3872678.00	2850.00	0	0.00000	0.000E+00	
OLDEN	QUEEN MI	NING - SOLEDAD MTN PROJECT -	ALL RECEPTORS, 199	1 MET, TSP	* OUTPUT	OF AMI/S	BCAPCD ACE25	88 MODEL VE	RS, 93288 *
Input F	ile: g:\	ace\GQ91\GQTPACE.DAT	Output File: 8:\	ace/GOAT/GOT	PACE, OUT		11/0//95	03:21:10	Page - 49
	45	PROP.025	389991.00	3872883.00	2840.00	0	0.00000	0.000E+00	
	46	PROP.026	390191.00	3872883.00	2840.00	0	0.00000	0.000E+00	
	47	PROP.027	390427.00	3872889.00 3872895.00	2820,00	0	0.00000	0.000E+00	
	48	PROP.028	390663.00	3872895.00	2820.00	0	0.00000 0.00000 0.00000 0.00000	0.000E+00	
	49	PROP. 029	390899.00	3872902.00 3872908.00	2820.00	Ü	0.00000	0.000E+00 0.000E+00	
	50 51 52 53	PROP 030	391133.00	3872915.00	2020.00	Ü	0.00000	0.000E+00	
	52	PROF. 031	391607 00	3872921.00	2810 00	ň	0.00000	0.000E+00	
	53	PROP 033	391844.00	3872928.00	2790.00	ŏ	0.00000	0.000E+00	
	54	PROP. 034	391846.00	3873175,00	2770.00	ō	0,00000	0.000E+00	1
	55	PROP.035	391848.00	3873423.00	2760.00	0	0.00000	0.000E+00	l
	56	PROP.036	391850.00	3873671.00	2760.00	0	0.00000	0.000E+00	
1	54 55 56 57	PROP.037	391853.00	3873919.00	2760.00	0	0.00000	0.000E+00	
1	58	PROP. 038	391855,00	3874114.00	2/50.00	0	0,00000	0.000E+00	
	59	PROP. 039	392001.00	3874114.00 3873919.00	2750.00	Ŭ	0.00000	0.000E+00 0.000E+00	
	60 61	PROP 041	372001.00	3873918.00	2750.00	0	0.00000	0.000E+00	
	62	PROP. 042	392039.00	3873674.00	2750.00	Ö	0.00000	0.000E+00	
	63	PROP. 025 PROP. 025 PROP. 026 PROP. 027 PROP. 029 PROP. 030 PROP. 031 PROP. 032 PROP. 033 PROP. 034 PROP. 035 PROP. 035 PROP. 036 PROP. 036 PROP. 036 PROP. 037 PROP. 038 PROP. 039 PROP. 040 PROP. 041 PROP. 041 PROP. 042	392046.00	3873430.00	2840.00 2840.00 2820.00 2820.00 2820.00 2820.00 2820.00 2820.00 2790.00 2770.00 2760.00 2760.00 2760.00 2750.00 2750.00 2750.00	ő	0.00000	0.000E+00	

```
3873186.00
3872942.00
3872928.00
                                                                                                                                                                                                                                   0.000E+00
                                                                                                          392052.00
                                                                                                                                                              2750.00
                                                                                                                                                                                                               0.00000
                                                 PROP.044
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                   0.000E+00
                                                PROP.045
PROP.046
PROP.047
                                                                                                         392059.00
391844.00
                                                                                                                                                              2775.00
2800.00
                65
66
67
68
69
70
71
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                               0.00000
                                                                                                                                3872735.00
3872543.00
                                                                                                          391844.00
                                                                                                                                                              2850,00
                                                                                                                                                              2900.00
                                                                                                                                                                                                                                    0.000E+00
                                                 PROP.048
                                                                                                         391845.00
                                                                                                                               3872351.00
3872159.00
3872165.00
                                                                                                                                                              3000.00
3175.00
3100.00
                                                                                                          391845.00
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                PROP.049
PROP.050
                                                                                                                                                                                                               0.00000
                                                                                                          391846.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                    0.000E+00
                                                                                                         392046.00
392246.00
                                                 PROP.051
                                                                                                                                                              2975.00
2825.00
2860.00
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                3872172.00
                                                                                                                                                                                                               0.00000
                                                PROP.052
PROP.053
                                                                                                                               3872172.00
3872178.00
3872185.00
3871975.00
3871765.00
3871555.00
                                                                                                         392446.00
392647.00
392658.00
                                                                                                                                                                                                               0.00000
                73
                                                 PROP.054
                                                                                                                                                                                                               0.00000
0.00000
0.00000
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                              3090.00
                                                 PROP.055
PROP.056
                                                                                                                                                              2900.00
2925.00
2950.00
                                                                                                          392670.00
                76
                                                                                                                                                                                                                                   0.000E+00
                                                 PROP.057
PROP.058
PROP.059
                                                                                                         392682.00
392694.00
                                                                                                                               3871335.00
3871350.00
3871355.00
3871360.00
3871365.00
3871135.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                              3000.00
2975.00
2950.00
2875.00
3025.00
                                                                                                         392887.00
393080.00
393273.00
393467.00
393469.00
                                                                                                                                                                                                               0.00000
0.00000
0.00000
                                                                                                                                                                                                                                   0.000E+00
                                                 PROP.060
PROP.061
PROP.062
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                81
82
                                                                                                                                                                                                               0.00000
                83
                                                 PROP.063
PROP.064
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                         393472.00
393475.00
393477.00
                                                                                                                               3870905.00
3870675.00
3870446.00
                                                                                                                                                              3000.00
2760.00
2875.00
                                                                                                                                                                                                               0.00000
                84
                85
                                                 PROP.065
                                                                                                                                                                                                               0.00000
                86
87
                                                 PROP.066
PROP.067
                                                                                                                                                              2850.00
2975.00
2700.00
                                                                                                                                                                                                               0.00000
0.00000
0.00000
                                                                                                          393480.00
                                                                                                                                3870216.00
                                                                                                         393483.00
393486.00
393252.00
                                                                                                                               3869986.00
3869757.00
3869751.00
                                                 PROP.068
                88
                89
                                                 PROP.069
                                                                                                                                                              2725.00
2875.00
2800.00
                                                                                                                                                                                                               0.00000
                                                 PROP.070
                90
                                                                                                         393018.00
392784.00
392550.00
                                                                                                                                3869745.00
3869739.00
                                                 PROP.071
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                    0.000E+00
                92
                                                 PROP.072
                                                                                                                                                              2760.00
2760.00
2760.00
                                                                                                                                                                                                               0.00000
0.00000
0.00000
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                3869734.00
                                                 PROP.073
                93
                                                                                                                               3869728.00
3869722.00
                                                 PROP.074
                                                                                                         392316.00
392082.00
                                                                                                                                                                                                                                    0.000E+00
                                                 PROP 075
                                                                                                                                                              2750.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                    0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * UT 11/07/95 09:51:16 Page - 50
                                                                                                         391848.00 3869910.00
391847.00 3870103.00
391846.00 3870297.00
391954.00 3870290.00
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                               0.00000
                                                 PROP.077
                                                                                                                                                                                                               0.00000
0.00000
0.00000
                                                                                                                                                              2880.00
2940.00
                                                 PROP.078
                98
                99
                                                 PROP.079
                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                              3000.00
                                                                                                                                                                                                   00000000
                                                 PROP. 080
              100
                                                                                                          391958.00
391963.00
392191.00
                                                                                                                               3870105.00
3869921.00
3869926.00
                                                                                                                                                                                                               0.00000
0.00000
0.00000
                                                                                                                                                              2920.00
2800.00
              101
                                                 PROP.081
                                                 PROP.082
                                                                                                                                                              2830.00
                                                 PROP. 083
              103
                                                                                                                                                                                                              0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
                                                                                                          392420.00
392427.00
392656.00
                                                                                                                               3869931.00
3869835.00
3869841.00
                                                 PROP.084
                                                                                                                                                              2800.00
2780.00
               104
                                                 PROP.085
PROP.086
               105
                                                                                                                                                              2840.00
              106
                                                                                                                               3869047.00
3870041.00
3870038.00
                                                                                                          392886.00
392884.00
392660.00
                                                                                                                                                              2900.00
3240.00
               ĪŬŽ
                                                 PROP.087
                                                 PROP.088
PROP.089
               108
                                                                                                                                                               3080.00
              109
                                                                                                          392437.00
392430.00
                                                                                                                               3870035.00
3870206.00
                                                                                                                                                              2860.00
2940.00
              110
                                                 PROP.090
              111
                                                 PROP. 091
                                                                                                                                                                                                               0.00000
0.00000
0.00000
0.00000
0.00000
                                                                                                                               3870377.00
3870377.00
3870536.00
                                                                                                                                                              3080.00
3240.00
3460.00
                                                                                                          392423.00
                                                 PROP.092
              112
                                                                                                          392669.00
392667.00
                                                 PROP.093
              114
                                                 PROP. 094
                                                                                                                               3870695.00
3870699.00
3870856.00
                                                                                                                                                              3360.00
3200.00
3340.00
                                                 PROP.095
                                                                                                          392666.00
              115
                                                                                                          392753.00
392748.00
392579.00
                                                 PROP.096
PROP.097
               117
                                                                                                                               3870856.00
                                                                                                                                                              3480.00
                                                                                                                                                                                                               0.00000
              118
119
                                                 PROP 098
                                                                                                          392579.00 3871098.00
392579.00 3871341.00
392523.00 3871341.00
                                                                                                                                                              3120.00
3060.00
3140.00
                                                                                                                                                                                                               0.00000
                                                 PROP.099
                                                                                                        392579.00 3871341.00
392579.00 3871341.00
392523.00 3871366.00
392371.00 3871166.00
392369.00 3871338.00
392241.00 3871335.00
392213.00 3871332.00
392100 3871332.00
392100 3871392.00
                                                 PROP.100
                                                                                                                                                                                                               0.00000
                                                 PROP.101
PROP.102
PROP.103
               121
                                                                                                                                                              3220.00
3380.00
3300.00
                                                                                                                                                                                                               0.00000
               122
                                                                                                                                                                                                               0.00000
                                                 PROP. 104
PROP. 105
              124
                                                                                                                                                              3400.00
3500.00
3560.00
                                                                                                                                                                                                               0.00000
              125
                                                 PROP. 106
PROP. 107
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                               0.00000
              127
                                                                                                          392107.00 3870949.00
392065.00 3870749.00
392023.00 3870549.00
                                                                                                                                                              3440.00
3240.00
3160.00
                                                                                                                                                                                                               0.00000
              128
                                                 PROP.108
                                                 PROP. 109
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                               0.00000
               130
                                                 PROP. 110
                                                                                                          392023.00 3870549.00
391842.00 3870698.00
391907.00 3870852.00
391840.00 3870853.00
391841.00 3870867.00
391842.00 3870521.00
                                                                                                                                                              3160.00
3400.00
3480.00
                                                                                                                                                                                                               0.00000
                                                 PROP.111
              131
                                                 PROP.112
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                               0.00000
                                                 PROP.113
PROP.114
               133
                                                                                                                                                              3480.00
3480.00
3300.00
3120.00
3060.00
                                                                                                                                                                                                               0.00000
              134
                                                                                                          391841.00
391842.00
391643.00
                                                 PROP. 115
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                   0.000E+00
              136
                                                 PROP.116
PROP.117
                                                                                                                                3870520.00
3870519.00
3870518.00
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                               0.00000
               137
                                                                                                                                                              3030.00
3180.00
3120.00
                                                                                                          391445.00
391247.00
391049.00
                                                 PROP.118
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                   0.000E+00
               139
                                                 PROP. 119
                                                                                                                                3870518.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                 PROP. 120
              140
                                                                                                                                3870310.00
3870103.00
                                                                                                                                                              3300.00
3140.00
2980.00
                                                 PROP.121
                                                                                                          391044.00
              141
                                                                                                                                                                                                               0.00000
                                                                                                          391040.00
391036.00
                                                 PROP. 122
                                                                                                                                 3869895.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                    0.000E+00
                                                 PROP. 123
              143
                                                                                                                                                              3120.00
2920.00
2830.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                    0.000E+00
                                                 PROP.124
                                                                                                          391032.00
                                                                                                                                 3869688.00
                                                                                                                                                                                                   0
              144
                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                3869694.00
                                                 PROP. 125
                                                                                                          391236.00 391440.00
                                                                                                                                3869701.00
3869707.00
                                                                                                                                                                                                               0.00000
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                 PROP. 126
PROP. 127
              146
                                                                                                          391644 00
                                                                                                                                                               2770.00
                                                                                                                                                                                                                0.00000
                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                               2750.00
                                                                                                          391849.00
                                                                                                                                3869714.00
                                                 PROP. 128
                                                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 51
     DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
ut File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQ
                                                                                            Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                                                     Page -
                                                                                                                                                              2740.00
2700.00
2740.00
                                                                                                          391855.00
                                                                                                                                 3869518.00
                                                                                                                                                                                                                0.00000
                                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                0.00000
                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                          391861.00
391671.00
                                                 PROP.130
PROP.131
                                                                                                                                3869323.00
3869318.00
```

2820.00

391481.00 3869313.00

PROP.132

0.000E+00

0.00000

DEN	174 175 176 177 178 180 181 182 183 184 185 186 187 188 190 191 192 193 194 195 196 197 198 199 200	PROP. 133 PROP. 134 PROP. 135 PROP. 136 PROP. 136 PROP. 137 PROP. 138 PROP. 140 PROP. 140 PROP. 141 PROP. 142 PROP. 143 PROP. 145 PROP. 145 PROP. 146 PROP. 147 PROP. 148 PROP. 150 PROP. 151 PROP. 152 PROP. 152 PROP. 155 PROP. 155 PROP. 156 PROP. 157 PROP. 156 PROP. 166 PROP. 167 PROP. 166 PROP. 166 PROP. 167 PROP. 168 PROP. 168 PROP. 169 PROP. 169 PROP. 160 PROP. 161 PROP. 162 PROP. 163 PROP. 164 PROP. 165 PROP. 165 PROP. 166 PROP. 167 PROP. 168 PROP. 169 PROP. 160 OUGO OUGO OUGO OUGO OUGO OUGO OUGO OUG	391490.00 391490.00 391066.00 3900854.00 3900854.00 3900218.00 390217.00 390215.00 390215.00 390215.00 389404.00 389404.00 389404.00 389406.00 389406.00 389406.00 389406.00 390212.00 390212.00 389406.00 389406.00 389406.00 389406.00 399210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 390210.00 391000.00 391000.00 391000.00 3911000.00 3911000.00 3911000.00 3911000.00 3911000.00 3911000.00 3911000.00 3911000.00 3911000.00	3868775.00 3868766.00 3868766.00 3868766.00 3868767.00 3868983.00 3869235.00 3869235.00 3869661.00 3869667.00 3869667.00 3869673.00 3870271.00 3870473.00 3870475.00 3870475.00 3870475.00 3870475.00 3870475.00 3870475.00 3870475.00 3871272.00	* OUTPUT OF	00000000000000000000000000000000000000	0.00000 0.000000	0.000E+00	. 93288 *
Input	File: g:\ace\GQ91 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244	100.0009 100.0010 100.0011 100.0012 100.0013 100.0014 100.0015 100.0016 100.0017	392100.00 392200.00 391300.00 391300.00 391500.00 391500.00 391600.00 391600.00 391900.00 392100.00 392100.00 391500.00 391500.00 392100.00 392100.00 391500.00 391500.00 392200.00 391500.00 391500.00 391500.00 391500.00 391500.00 391600.00 391600.00 391600.00 391600.00 392100.00 392200.00 392200.00 392200.00 392200.00	3870300.00 3870300.00 3870300.00 3870400.00	100 t		/01/23 0	9:51:16 Pag 0.000E+00	ge - 52

0	246 247 248 249 250 251 252	500.0001 500.0002 500.0003 500.0004 500.0006 500.0006	386000,00 386500,00 387000,00 387500,00 388000,00 388500,00 389000,00	3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00	3100.00 3120.00 3120.00 2980.00 2860.00 2840.00 2760.00	0 0 0 0	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
GOLDEN Input								8 MODEL VERS. 93288 * 99:51:16 Page - 53
	253 254	500.0008 500.0009 500.0010 500.0011 500.0012 500.0013 500.0014 500.0015 500.0016 500.0016 500.0018 500.0019 500.0020 500.0021 500.0022 500.0023 500.0024 500.0025 500.0026 500.0027 500.0028 500.0029 500.0031 500.0032 500.0031 500.0031 500.0031 500.0031 500.0038 500.0039 500.0031 500.0038 500.0037 500.0038 500.0038 500.0039 500.0039 500.0037 500.0038 500.0039 500.0040 500.0040 500.0040 500.0040 500.0040 500.0040 500.0040 500.0049 500.0049 500.0049 500.0049 500.0050 500.0050 500.0050 500.0050 500.0050 500.0050 500.0050 500.0050	389500.00 390000.00 391500.00 391500.00 392500.00 392500.00 393500.00 394500.00 395500.00 395500.00 396500.00 397500.00 397500.00 397500.00 397500.00 397500.00 397500.00 397500.00 397500.00 397500.00 397500.00 397500.00 398500.00 399500.00 399500.00 399500.00 399500.00 386500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 389500.00 399500.00 399500.00 399500.00 399500.00	3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865000.00 3865500.00	* OUTPUT 2780.00	000000000000000000000000000000000000000	.00000	0.000E+00
GOLDEN Input	QUEEN MIN File: g:\a		ALL RECEPTORS, 199 Output File: g:\		5457 6778	0		88 MODEL VERS, 93288 * 19:51:16
	305 306 307 308 309 311 312 313 314 315 317 318 317 319 321 322 323 324 325 327 328 327 328 329 330 331 331 332 333 333	500.0060 500.0061 500.0062 500.0063 500.0064 500.0065 500.0066 500.0067 500.0068 500.0070 500.0071 500.0072 500.0073 500.0074 500.0075 500.0076 500.0076 500.0079 500.0079 500.0079 500.0080 500.0080 500.0080 500.0080 500.0085 500.0086 500.0086	387000.00 387500.00 388000.00 388500.00 389500.00 399000.00 3990500.00 391500.00 392500.00 393500.00 393500.00 394500.00 395500.00 395500.00 395500.00 396500.00	3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00 3866000.00	2780.00 2780.00 2770.00 2770.00 2740.00 2740.00 2730.00 2710.00 2700.00 2600.00 2640.00 2640.00 2640.00 2590.00 2590.00 2550.00 2550.00 2550.00 2550.00 2570.00 2560.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2570.00 2560.00 2570.00 2570.00 2560.00 2570.00 2560.00 2570.00	000000000000000000000000000000000000000	0.00000 0.00000	0.000E+00

GOLDEN	336 337 338 3390 3441 3443 3445 3447 3449 3553 3556 N File:	500.0090 500.0091 500.0092 500.0093 500.0094 500.0095 500.0096 500.0097 500.0098 500.0100 500.0101 500.0102 500.0103 500.0104 500.0105 500.0105 500.0106 500.0107 500.0108 500.0109 500.0110 500.0111 MINING - SOLEDAD MIN PROJECT -	387500.00 3 388000.00 3 388500.00 3 389500.00 3 399500.00 3 391500.00 3 391500.00 3 392500.00 3 393500.00 3 394500.00 3 395500.00 3 395500.00 3 395500.00 3 395500.00 3	866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00 866500.00	" OUTFUL OF	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.000E+00	* 5
	33533333333333333333333333333333333333	500.0112 500.0113 500.0114 500.0115 500.0116 500.0117 500.0118 500.0129 500.0122 500.0123 500.0124 500.0125 500.0126 500.0127 500.0128 500.0129 500.0131 500.0131 500.0132 500.0133 500.0134 500.0135 500.0136 500.0137 500.0138 500.0138 500.0139 500.0139 500.0141 500.0142 500.0144 500.0145 500.0145 500.0145 500.0145 500.0150 500.0151 500.0155 500.0156 500.0157 500.0158 500.0157 500.0158 500.0157 500.0158 500.0157 500.0158 500.0157 500.0158 500.0157 500.0158 500.0159 500.0159 500.0159 500.0159 500.0159	398000.00 399500.00 399500.00 389500.00 386500.00 399500.00 388500.00 399500.00	8866500.00 8866500.00 8866500.00 8866500.00 8866500.00 8866500.00 8867000.00	2530.00 2525.00 2530.00 2530.00 2530.00 2530.00 2820.00 2810.00 2810.00 2790.00 2770.00 2760.00 2740.00 2720.00 2700.00 2660.00 2660.00 2660.00 2650.00 2550.00 2510.00	000000000000000000000000000000000000000	0.00000 0.00000	0.000E+00	
GOLDEN Input	408 V QUEEN File: g	500.0163 MINING - SOLEDAD MTN PROJECT - :\ace\GQ91\GQTPACE.DAT	394500.00 3 - ALL RECEPTORS, 1991 Output File: g:\ac	MET. TSP	PACE.OUT	0 F AMI/SBC 1	0.00000 APCD ACE258 1/07/95	0.000E+00 38 MODEL VERS. 93288 * 99:51:16 Page - 56	,
	409 410 411 412 413 414 415 416 417 418 419 420 421 422 423	500.0164 500.0165 500.0166 500.0167 500.0168 500.0169 500.0170 500.0171 500.0172 500.0173 500.0174 500.0175 500.0176 500.0177	397000.00 3 397500.00 3 398500.00 3 399000.00 3 399500.00 3 400000.00 3 386500.00 3	8867500.00 8867500.00 8867500.00 8867500.00 8867500.00 8867500.00 8867500.00 8867500.00 8867500.00	2560.00 2545.00 2535.00 2525.00 2520.00 2510.00 2510.00 2510.00 2510.00 2510.00 260.00 2860.00 2860.00 2840.00	000000000000000	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	

```
3868000.00
3868000.00
3868000.00
                                                                   388000.00
                                                                                                     2820.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                                                     2800.00
2780.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
         425
426
                               500.0180
500.0181
                                                                   388500.00
389000.00
                                                                                                                            Ô
                                                                                                     2770.00
2750.00
2740.00
         427
                               500.0182
                                                                   389500.00
                                                                                 3868000.00
                                                                                                                                    0 00000
                                                                                                                                                 0.000E+00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         428
429
                               500.0183
500.0184
                                                                   390000.00
                                                                                 3868000.00
                                                                                                                                    0,00000
                                                                                                                                                 0.000E+00
                                                                   390500.00
                                                                                 3868000.00
                                                                                                                                                 0.000E+00
         430
                               500.0185
                                                                   391000.00
                                                                                 3868000.00
                                                                                                     2720.00
                                                                                                                            0
                                                                                                                                    n. 00000
                                                                                 3868000.00
                                                                                                     2700.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                   391500.00
         431
                               500.0186
                                                                   392000.00
                                                                                 3868000.00
                                                                                                     2680.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0187
         432
                                                                                                                                                 0.000E+00
         433
                               500.0188
                                                                   392500.00
                                                                                 3868000.00
3868000.00
                                                                                                     2660.00
2630.00
                                                                                                                            0
                                                                                                                                    0.0000
                                                                                                                                    0.00000
                                                                   393000.00
                                                                                                                                                 0.000E+00
         434
                               500-0189
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                                                                   393500.00
                                                                                 3868000.00
                                                                                                     2610,00
         435
                               500.0190
                                                                   394000.00
394500.00
395000.00
                               500.0191
                                                                                 3868000.00
3868000.00
                                                                                                     2590.00
2580.00
                                                                                                                            0
                                                                                                                                                 0.000E+00
                                                                                                                                    0.00000
                               500 0192
         437
                                                                                                                                    0,00000
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0193
                                                                                 3868000,00
                                                                                                     2560.00
                                                                                                                            0
         438
                                                                                                     2550.00
2530.00
         439
                               500.0194
                                                                   395500.00
                                                                                 3868000,00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                   396000.00
                                                                                 3868000.00
                                                                                                                                    0.00000
                               500.0195
         440
                                                                                                     2520.00
                               500.0196
                                                                   396500.00
                                                                                 3868000,00
                                                                                                                                    0.00000
         441
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0197
                                                                   397000.00
                                                                                 3868000.00
                                                                                                     2515.00
2510.00
                                                                                                                            Đ
                                                                                                                                    0.00000
                                                                   397500.00
                                                                                 3868000.00
                                                                                                                                    0.00000
         443
                               500.0198
                                                                                                     2510.00
2510.00
2510.00
2505.00
2505.00
2505.00
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0199
                                                                   398000.00
                                                                                 3868000.00
                                                                                                                            0
                                                                                                                                    0.00000
         444
                                                                   398500,00
                                                                                                                                    0.00000
                               500.0200
                                                                                 3868000.00
                                                                                 3868000,00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0201
         446
                               500.0202
                                                                   399500.00
                                                                                 3868000.00
                                                                                                                            n
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                            Ō
                                                                   400000.00
386000.00
                                                                                 3868000,00
                               500.0203
                                                                                 3868500.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0204
         449
                                                                                                                                                 0.000E+00
0.000E+00
                                                                   386500.00
                                                                                 3868500.00
3868500.00
                                                                                                     2880.00
                                                                                                                                    0.00000
                               500.0205
                                                                                                                            Ũ
         451
                               500.0206
                                                                   387500.00
                                                                                 3868500.00
                                                                                                     2860.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500,0207
         4.52
                                                                                 3868500.00
3868500.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                                                                   388000,00
                                                                                                     2850.00
                                                                                                                            Û
                               500.0208
                                                                                                                            0
                                                                   388500.00
                                                                                                     2820.00
         454
                               500.0209
                               500.0210
                                                                   389000.00
                                                                                 3868500.00
                                                                                                     2800.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         455
                                                                                                     2780.00
2770.00
2740.00
                                                                   389500.00
                                                                                 3868500,00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         456
                               500.0211
         457
                               500.0212
                                                                   390000 00
                                                                                 3868500.00
3868500.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0213
                                                                   390500.00
                                                                                                                                    0.00000
         458
                               500.0214
                                                                   391000.00
                                                                                 3868500.00
                                                                                                     2730.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                                                                                    0.00000
                                                                                 3868500.00
         460
                               500.0215
                                                                   391500.00
                                                                                                     2710.00
                                                                                                                            0
                                                                                                                                                 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                         * OUTPUT OF AMI/SBCAFCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 57
                                                                                                     2680.00
2660.00
2620.00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                   392000.00
392500.00
                               500.0216
500.0217
                                                                                 3868500.00
                                                                                                                                    n nnnnn
                                                                                 3868500.00
                                                                                                                            Ŏ
                                                                                                                                    0.00000
         462
463
                               500.0218
                                                                   393000.00
                                                                                 3868500.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                                                     2600 00
2590 00
2580 00
2565 00
2550 00
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0219
                                                                   393500.00
                                                                                 3868500.00
3868500.00
                                                                                                                            0
                                                                                                                                    0.00000
         465
466
                               500.0220
                               500.0221
                                                                   394500.00
                                                                                 3868500.00
3868500.00
                                                                                                                            Ω
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                                                                                                 0.000E+00
                                                                   395000.00
                                                                                                                            ā
         467
                               500.0222
                                                                   395500.00
                                                                                 3868500.00
                                                                                                                                                 0.000E+00
                               500.0223
                                                                                                                                    0.00000
         468
                                                                                                                                    0.00000
0.00000
0.00000
                                                                                                     2540.00
2530.00
                               500,0224
                                                                   396000.00
                                                                                 3868500.00
                                                                                                                            0
                                                                                                                                                 0.000E+00
         469
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                 3868500.00
3868500.00
                                                                   396500.00
         470
                               500,0225
                                                                                                     2520.00
                               500.0226
         471
                               500.0227
                                                                   397500.00
                                                                                 3868500.00
                                                                                                     2515.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         472
                                                                                                     2510.00
2510.00
                                                                                                                                                 D.000E+00
0.000E+00
                                                                                 3868500.00
3868500.00
                                                                                                                                    0.00000
                               500,0228
                                                                   398000.00
                                                                   398500.00
                               500.0229
         474
         475
                               500.0230
                                                                    399000.00
                                                                                  3868500.00
                                                                                                     2505.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0231
                                                                   399500.00
                                                                                 3868500.00
                                                                                                     2500.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                            ŏ
                                                                   400000.00
         477
                               500,0232
                                                                                 3869000.00
                                                                                                     2910.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         478
                               500.0233
                                                                   386000.00
                                                                                 3869000.00
3869000.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0234
                                                                   386500.00
                                                                                                     2900.00
                                                                                                                            ā
                                                                                                     2890.00
         480
                               500.0235
                                                                   387000.00
                               500.0236
                                                                   387500.00
                                                                                 3869000.00
                                                                                                     2880.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         481
                               500.0237
                                                                   388000.00
                                                                                 3869000.00
                                                                                                     2865.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                            ă
         483
                               500,0238
                                                                   388500.00
                               500.0239
                                                                   389000.00
                                                                                 3869000.00
                                                                                                     2820.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         484
         485
                               500.0240
                                                                   389500.00
                                                                                 3869000.00
                                                                                                     2800.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
0.000E+00
         486
                               500.0241
                                                                   390000.00
                                                                                 3869000.00
                                                                                                     2820.00
                                                                   391500.00
                                                                                 3869000.00
                                                                                                     2720.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0242
         487
         488
                                                                   392000.00
                                                                                 3869000.00
                                                                                                     2680.00
                                                                                                                            Ō
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0243
                                                                                                     2650.00
                                                                                                                                                 0.000E+00
0.000E+00
         489
                               500.0244
                                                                   392500.00
                                                                                 3869000.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                   393000.00
                                                                                                                                    0.00000
                               500.0245
                                                                                 3869000.00
         490
                               500.0246
                                                                   393500.00
                                                                                 3869000.00
                                                                                                     2600.00
                                                                                                                            0
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         491
                                                                                                                                                 0.000E+00
0.000E+00
         492
                               500.0247
                                                                   394000.00
                                                                                 3869000.00
                                                                                                     2590.00
                                                                                                                            ۵
                                                                                                                                    0,00000
                                                                                                                                    0.00000
                               500 0248
         493
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                               500.0249
                                                                    395000.00
                                                                                 3869000.00
                                                                                                     2570.00
                                                                                                                            0
                                                                                                                                    0.00000
         494
                                                                                                     2555.00
2545.00
         495
                               500.0250
                                                                   395500.00
                                                                                 3869000.00
                                                                                                                                    0.00000
                                                                                                                                    0.00000
                                                                   396000.00
                                                                                 3869000.00
         496
                               500 0251
                                                                                                     2535.00
2530.00
2515.00
                               500.0252
                                                                    396500.00
                                                                                 3869000.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         497
                                                                                                                                                 0.000E+00
0.000E+00
                                                                   397000.00
397500.00
                                                                                                                            a
         498
                               500.0253
                                                                                 3869000.00
                                                                                                                                    0.00000
                                                                                                                            ă
                                                                                                                                    0.00000
                                                                                 3869000.00
                               500.0254
         499
                                                                   398000.00
                                                                                 3869000.00
                                                                                                     2510.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0255
         500
                                                                                 3869000.00
3869000.00
                                                                                                     2510.00
2505.00
                                                                                                                                                 0.000E+00
0.000E+00
                               500.0256
                                                                   398500.00
                                                                                                                            Π
                                                                                                                                    0,00000
         501
                                                                                                                                    0.00000
                                                                   399000.00
         502
                               500.0257
         503
                               500.0258
                                                                   399500.00
                                                                                 3869000.00
                                                                                                     2500.00
                                                                                                                                                 0.000E+00
                                                                                 3869000.00
         504
                               500.0259
                                                                   400000.00
                                                                                                     2500.00
                                                                                                                            O
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         505
                               500.0260
                                                                   386000.00
                                                                                                     2920.00
                                                                                  3869500.00
                                                                                                     2920.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500.0261
         506
                                                                    387000.00
                                                                                  3869500.00
                                                                                                     2910.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
         507
                               500,0262
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                    0.00000
                                                                                 3869500.00
         508
                               500.0263
                                                                   387500.00
                                                                                                     2890.00
                                                                                                     2880.00
                                                                   388000.00
         509
                               500.0264
                                                                                 3869500.00
3869500.00
                                                                                                     2860.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                               500,0265
                                                                    388500.00
         511
                               500.0266
                                                                   389000.00
                                                                                                     2840.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                                  3869500.00
                                                                                                                                    0.00000
                                                                                                                                                 0.000E+00
                                                                                                     2800.00
         512
                               500.0267
                                                                   389500.00
                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSF * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
```

11/07/95 09:51:16 Page -

Input File: g:\ace\GQ91\GQTPACE.DAT

	521 5223 5224 5225 5227 5229 5330 5332 5332 5333 5335 5336 5339 5340 5340 5340 5340 5340 5340 5340 5340	500.0268 500.0270 500.0271 500.0271 500.0273 500.0274 500.0275 500.0277 500.0277 500.0279 500.0280 500.0281 500.0281 500.0284 500.0284 500.0285 500.0284 500.0287 500.0287 500.0287 500.0287 500.0287 500.0288 500.0289 500.0299 500.0299 500.0291 500.0292 500.0291 500.0292 500.0291 500.0292 500.0293 500.0294 500.0295 500.0296 500.0297 500.0298 500.0297 500.0298 500.0300 500.0301 500.0302 500.0303 500.0304 500.0305 500.0307 500.0308 500.0307 500.0308 500.0308 500.0309 500.0310 500.0311 500.0312 500.0313 500.0314 500.0315 500.0317 500.0318 500.0317 500.0318 500.0319 OLEDAD MTN PROJECT - ALL REC	390000 .00 392000 .00 393500 .00 393500 .00 3944000 .00 395500 .00 395500 .00 397500 .00 397500 .00 398500 .00 398500 .00 398500 .00 397500 .00 398500 .00 398500 .00 398500 .00 398500 .00 388500 .00 391500 .00 392500 .00 392500 .00 393500 .00 393500 .00 393500 .00 394500 .00 395500 .00	3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3869500.00 3870000.00	3340,00 2710,00 2670,00 2670,00 2610,00 2590,00 2580,00 2570,00 2550,00 2550,00 2550,00 2535,00 2535,00 2535,00 2515,00 2515,00 2515,00 2510,00 2510,00 2940,00 2940,00 2940,00 2940,00 2950,00 2950,00 2550,00 2550,00 2550,00 2550,00 2550,00 2550,00 2550,00 25510,00 2550,00 25510,00 25510,00 25510,00 25510,00 25510,00 2510,00		0.00000 0.00000	0.000E+00
GOLDEN	565 566 567 568 569 570	500.0320 500.0321 500.0322 500.0323 500.0324 500.0325	392500.00 393500.00 394500.00 395500.00 395500.00 396500.00 397500.00 397500.00 398500.00 399500.00 388500.00 389500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 387500.00 397500.00 394500.00 394500.00 395500.00 395500.00 395500.00 395500.00 396500.00 397500.00 396500.00 397500.00 398500.00 398500.00 399500.00	3870500.00 3870500.00 3870500.00 3870500.00 3870500.00 3870500.00 3870500.00 3870500.00 3870500.00	3320.00 2820.00 2720.00 2670.00 2590.00 2570.00	0 0 0 0	PCD ACE258 /07/95 0 0.00000	B MODEL VERS, 93288 * 9:51:16

Page 33

```
2930.00
2910.00
2880.00
2860.00
                                                                                                                                                                                           0.00000
0.00000
0.00000
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                               387500.00
                                                                                                                   3871500.00
             606
                                            500.0361
                                                                                               388000.00
388500.00
                                                                                                                   3871500.00
3871500.00
             607
                                                                                                                                                                                                              0.000E+00
             608
                                            500.0363
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                               389000.00
                                                                                                                    3871500.00
                                                                                                                                                                                            0.00000
                                            500.0364
             609
                                                                                               393000.00
                                                                                                                   3871500,00
3871500,00
                                                                                                                                                                                            0.00000
                                             500 0365
                                                                                                                                               2940.00
             610
                                                                                                                                                                                            0.00000
                                                                                                                                               2740.00
                                            500 0366
                                                                                                                                               2640.00
2610.00
2600.00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                               394000.00
                                                                                                                   3871500.00
                                                                                                                                                                                            0.00000
                                            500.0367
             612
                                                                                                                   3871500.00
3871500.00
                                            500.0368
                                                                                               394500.00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                               395000.00
                                                                                                                                                                                            0.00000
             614
                                            500.0369 500.0370
                                                                                               395500.00
                                                                                                                   3871500.00
                                                                                                                                               2580.00
                                                                                                                                                                                            0.00000
             615
                                                                                                                                               2580 00
                                            500.0371
                                                                                               396000.00
                                                                                                                   3871500.00
                                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
UT 11/07/95 09:51:16 Page - 60
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                               2570.00
2565.00
2560.00
2555.00
2550.00
                                                                                               396500.00 3871500.00
397000.00 3871500.00
397500.00 3871500.00
398000.00 3871500.00
398500.00 3871500.00
                                                                                                                                                                                            0.00000
                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                           0.00000
0.00000
0.00000
0.00000
                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                            500.0373
500.0374
             619
             620
                                            500.0375
                                            500.0376
500.0377
             621
                                                                                                                                                                                            0.00000
0.00000
0.00000
                                                                                               399000.00
                                                                                                                   3871500.00
                                                                                                                                               2540.00
                                                                                                                                                                                                              0.000E+00
             622
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               2540.00
2610.00
3020.00
                                                                                               399500.00 3871500.00
400000.00 3871500.00
386000.00 3872000.00
             623
                                             500.0378
                                            500.0379
500.0380
                                                                                                                                                                                            0.00000
0.00000
0.00000
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
             625
                                                                                                                                              3020.00
3000.00
2970.00
2940.00
2920.00
2900.00
2880.00
2860.00
                                                                                               386500.00 3872000.00
387000.00 3872000.00
387500.00 3872000.00
                                             500.0381
             626
                                            500.0382
500.0383
                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                            0.00000
0.00000
0.00000
             628
                                                                                               388000.00 3872000.00
388500.00 3872000.00
389000.00 3872000.00
             629
                                            500.0384
                                            500.0385
500.0386
              630
                                                                                                                                                                                            0.00000
0.00000
0.00000
             631
                                                                                               389500.00 3872000.00
393000.00 3872000.00
             632
                                            500.0387
                                                                                               393500.00 3872000.00
394000.00 3872000.00
394500.00 3872000.00
395000.00
                                            500.0388
500.0389
             633
                                                                                                                                               2690.00
2650.00
2630.00
                                                                                                                                                                                            0.00000
0.00000
0.00000
0.00000
                                                                                                                                                                                                            0.000E+00
             634
                                             500.0390
             636
637
                                            500.0391
500.0392
                                                                                               395000.00 3872000.00
395500.00 3872000.00
396000.00 3872000.00
                                                                                                                                               2610.00
2590.00
2580.00
                                                                                                                                                                                            0.00000
                                            500.0393
                                                                                                                                                                                            0.00000
                                            500.0394
             639
                                                                                                                                                                                            0.00000
                                                                                               396500.00 3872000.00
397000.00 3872000.00
                                                                                                                                               2575.00
2570.00
                                                                                                                                                                                 0
                                             500.0395
             640
                                            500.0396
             641
                                                                                                397500.00
                                                                                                                   3872000.00
                                                                                                                                                2570.00
                                                                                                                                                                                            0.00000
                                            500,0397
             642
                                                                                               398000.00 3872000.00
398500.00 3872000.00
399000.00 3872000.00
                                                                                                                                               2565.00
2560.00
2550.00
                                                                                                                                                                                 0
                                                                                                                                                                                            0.00000
                                             500.0398
             643
                                            500,0399
                                                                                                                                                                                            0.00000
                                            500.0400
             645
                                                                                                                                                                                            0.00000
                                                                                                                                               2550.00
2540.00
                                                                                               399500.00 3872000.00
400000.00 3872000.00
386000.00 3872500.00
                                             500.0401
                                                                                                                                                                                 0
             646
                                            500.0402
                                                                                                                                               3040.00
3020.00
2990.00
                                            500.0403
                                                                                                                                                                                            0.00000
                                                                                                                                                                                 0
             648
                                                                                                386500.00 3872500.00
387000.00 3872500.00
                                             500.0404
             649
                                                                                                                                                                                            0.00000
                                            500.0405
500.0406
                                                                                               387000.00
387500.00
             650
                                                                                                                                                                                            0.00000
0.00000
0.00000
                                                                                                                   3872500.00
                                                                                                                                                2960.00
             651
652
                                                                                                                                               2940 00
2940 00
2910 00
2880 00
2860 00
2920 00
                                             500.0407
                                                                                               388000.00
388500.00
                                                                                                                   3872500.00
3872500.00
             653
                                            500.0408
                                                                                                                                                                                            0.00000
0.00000
0.00000
0.00000
0.00000
                                            500.0409
                                                                                                389000.00
                                                                                                                    3872500.00
                                                                                                                                                                                 0
             654
655
                                             500.0410
                                                                                                389500.00
392000.00
                                                                                                                  3872500.00
3872500.00
                                            500.0411
500.0412
             656
                                                                                                392500.00
                                                                                                                    3872500.00
                                                                                                                                                2810.00
                                                                                                                                                                                 0
             657
                                                                                                                                               2720.00
2680.00
2660.00
                                                                                               393000.00 3872500.00
393500.00 3872500.00
                                             500.0413
                                                                                                393500.00
                                            500.0414
500.0415
              659
                                                                                                                                                                                            0.00000
0.00000
0.00000
                                                                                                394000.00
                                                                                                                    3872500.00
             660
                                                                                               394500.00 3872500.00
395000.00 3872500.00
395500.00 3872500.00
                                                                                                                                               2640.00
2610.00
2600.00
                                             500.0416
                                                                                                                                                                                 0
             661
                                             500.0417
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                            0.00000
                                            500.0418
             663
                                                                                               397500.00 3872500.00
396500.00 3872500.00
397500.00 3872500.00
397500.00 3872500.00
398000.00 3872500.00
                                                                                                                                               2730.00
2680.00
                                                                                                                                                                                            0.00000
                                             500.0419
             664
                                            500.0420
                                                                                                                                               2580.00
2570.00
                                                                                                                                                                                            0.00000
0.00000
0.00000
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                            500.0421
500.0422
             666
667
                                                                                                                                               2565.00
                                                                                                                                                                                                              0.000E+00
                                            500.0423
                                                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 61
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUT Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                               398500.00 3872500.00
399000.00 3872500.00
399500.00 3872500.00
400000.00 3872500.00
                                                                                                                                                2560.00
                                                                                                                                                                                 n
                                                                                                                                                                                            0.00000
                                                                                                                                                                                                              0 000E+00
                                            500.0424
                                                                                                                                                                                            0.00000
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               2555.00
2550.00
2545.00
                                             500.0425
                                                                                                                                                                                 0
             670
                                            500.0426
500.0427
500.0428
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                            0.00000
             672
                                                                                                                                               3060.00
                                                                                                                                                                                            0.00000
             673
                                                                                                386000.00
                                                                                                                    3873000.00
                                                                                                                    3873000.00
                                                                                                386500.00
387000.00
                                             500.0429
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                            500.0430
500.0431
                                                                                                                    3873000.00
                                                                                                                                                3010,00
                                                                                                                                                                                            0.00000
             675
                                                                                                                    3873000.00
3873000.00
                                                                                                                                                                                            0.00000
             676
                                                                                                387500.00
                                                                                                                                                2980.00
                                                                                                                                                2950.00
                                            500.0432
500.0433
500.0434
                                                                                               388000.00
388500.00
                                                                                                                    3873000.00
                                                                                                                                                2920.00
                                                                                                                                                                                            0.00000
                                                                                                                                                                                                              0.000E+00
             678
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                389000.00
                                                                                                                    3873000.00
                                                                                                                                                2900.00
                                                                                                                                                                                 Ω
                                                                                                                                                                                            0.00000
                                                                                                                                                                                 ō
                                                                                                                                               2870.00
2845.00
                                                                                                389500.00
390000.00
                                                                                                                    3873000.00
                                             500.0435
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                    3873000.00
                                                                                                                                                                                            0.00000
                                             500.0436
             681
                                                                                                                                               2820.00
2810.00
                                                                                                                                                                                            0.00000
             682
                                             500.0437
                                                                                                390500.00
                                                                                                                    3873000.00
                                                                                                391000.00
391500.00
392500.00
                                                                                                                    3873000.00
3873000.00
                                             500.0438
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                2800.00
                                                                                                                                                                                            0.00000
                                            500.0439
             684
                                                                                                                                               2740.00
2710.00
             685
                                                                                                                    3873000.00
                                                                                                                                                                                            0.00000
                                                                                                                                                                                            0.00000
                                            500.0441
500.0442
                                                                                                393000.00
393500.00
                                                                                                                    3873000.00
3873000.00
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                2680.00
                                                                                                                                                                                            0.00000
             687
                                                                                                                                                                                            0.00000
                                             500.0443
                                                                                                394000.00
                                                                                                                    3873000.00
                                                                                                                                                2660.00
             688
              689
                                             500.0444
                                                                                                394500.00
                                                                                                                    3873000.00
                                                                                                                                                2640.00
                                                                                                395000.00
                                                                                                                    3873000.00
                                                                                                                                                2620.00
                                                                                                                                                                                            0.00000
                                                                                                                                                                                                              0.000E+00
                                             500.0445
             690
                                                                                                                                                                                            0.00000
0.00000
0.00000
                                             500.0446
                                                                                                395500.00
                                                                                                                    3873000.00
                                                                                                                                                2610.00
                                                                                                                                                                                                              0.000E+00
0.000E+00
             691
                                                                                                                                               2600.00
2595.00
                                             500.0447
                                                                                                396000.00
                                                                                                                    3873000.00
                                                                                                                    3873000.00
                                                                                                                                                                                                              0.000E+00
                                            500.0448
                                                                                                396500.00
             693
                                                                                                                    3873000.00
                                                                                                                                                2580.00
                                                                                                                                                                                            0.00000
                                                                                                                                                                                                              0.000E+00
```

```
0.00000
0.00000
0.00000
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                            397500.00
                                                                                                                3873000.00
                                                                                                                                           2570,00
                                           500.0450
                                                                                                                3873000.00
3873000.00
3873000.00
                                                                                                                                           2570.00
2565.00
                                                                                            398000.00
                                           500.0451
500.0452
             696
                                                                                                                                                                                                        0.000E+00
                                                                                            398500.00
399000.00
             697
                                                                                                                                           2560.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                           500.0453
             698
                                                                                            399500.00
                                                                                                                                                                                                        0.000E+00
                                                                                                                3873000,00
                                                                                                                                           2560.00
                                                                                                                                                                                      0.00000
                                           500.0454
             699
                                                                                                                                                                                                        0.000E+00
                                           500.0455
             700
                                                                                            386000.00
                                                                                                                3873500.00
                                                                                                                                           3080.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                       0.000E+00
0.000E+00
            701
                                           500.0456
                                                                                                                                           3050.00
                                                                                                                3873500.00
3873500.00
                                                                                            386500.00
387000.00
             702
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                           3020.00
                                                                                                                                                                                      0.00000
             703
                                           500.0458
500.0459
                                                                                                                3873500.00
3873500.00
3873500.00
                                                                                                                                           2990.00
2960.00
                                                                                                                                                                                      0.00000
                                                                                             387500.00
             704
705
                                                                                                                                                                                                        0.000E+00
                                                                                            388000.00
388500.00
                                           500.0460
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                           2930.00
                                                                                                                                                                                      0.00000
                                           500.0461
500.0462
             706
                                                                                                                                                                                      0.00000
                                                                                             389000.00
                                                                                                                3873500.00
3873500.00
                                                                                                                                           2900.00
             707
                                                                                                                                           2880.00
                                                                                                                                                                                                        0.000E+00
                                           500.0463
                                                                                            389500.00
390000.00
             708
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.00000
                                                                                                                3873500.00
                                                                                                                                           2850.00
                                           500.0464
             709
                                                                                                                3873500.00
3873500.00
3873500.00
                                                                                            390500.00
                                                                                                                                           2830.00
             710
                                                                                                                                                                                      0.00000
                                                                                                                                           2800.00
                                                                                            391000.00
391500.00
392500.00
                                           500.0466
             711
                                                                                                                                           2780.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                           500.0467
500.0468
                                                                                                                3873500.00
3873500.00
3873500.00
                                                                                                                                           2760.00
2720.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
0.000E+00
             713
                                                                                            393000.00
393500.00
394000.00
                                           500,0469
             714
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           2680.00
                                                                                                                                                                                      0.00000
                                           500.0470
                                                                                                                3873500.00
3873500.00
                                                                                                                                           2700.00
2640.00
                                           500.0471
                                                                                                                                                                                      0.00000
             716
                                                                                                                                                                                      0.00000
                                           500,0472
                                                                                            394500.00
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                3873500.00
                                                                                                                                           2620.00
                                                                                                                                                                                      0.00000
             718
                                           500,0473
                                                                                                                                                                                      0.00000
                                                                                             395500.00
                                                                                                                3873500.00
                                                                                                                                           2610.00
                                           500.0474
             719
                                                                                                                                           2600.00
                                                                                                                                                                                      0.00000
                                                                                                                3873500.00
                                                                                            396000.00
             720
                                           500.0475
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                11/07/95 09:51:16
                                                                                                                                                                                                                     Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                           2595.00
2590.00
2580.00
2580.00
2570.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                                                                            396500.00 3873500.00
397000.00 3873500.00
397500.00 3873500.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                           500.0477
                                                                                                                                                                                      0.00000
0.00000
0.00000
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                           500.0478
500.0479
            723
724
                                                                                                                3873500.00
3873500.00
                                                                                             398000.00
                                                                                             398500.00
                                           500.0480
                                                                                                                                           2570.00
2560.00
2550.00
                                                                                                                                                                                      0.00000
0.00000
0.00000
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                             399000.00
                                                                                                                 3873500.00
             726
727
                                           500.0481
                                                                                                                3873500.00
3873500.00
                                           500.0482
                                                                                            399500.00
400000.00
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                           500,0483
                                                                                                                3874000.00
3874000.00
3874000.00
                                                                                                                                                                                      0.00000
0.00000
0.00000
                                                                                                                                           3090.00
                                                                                             386000.00
                                           500,0484
             729
                                                                                             386500.00
387000.00
             730
                                           500.0485
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           3040.00
                                           500.0486
                                                                                                                3874000.00
3874000.00
3874000.00
                                                                                                                                                                                      0.00000
0.00000
0.00000
                                                                                             387500.00
                                                                                                                                           3010.00
                                           500.0487
             732
                                                                                             388000.00
388500.00
                                                                                                                                           2980.00
2940.00
                                           500.0488
             733
                                           500.0489
500.0490
                                                                                                                                           2910.00
2880.00
2860.00
2830.00
                                                                                                                3874000.00
3874000.00
3874000.00
                                                                                                                                                                                      0.00000
0.00000
0.00000
                                                                                             389000.00
             735
             736
                                           500.0491
                                                                                             389500.00
390000.00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
             737
                                           500.0492
500.0493
                                                                                                                                                                                      0.00000
                                                                                                                3874000.00
3874000.00
                                                                                             390500.00
             738
                                                                                                                                           2800.00
                                                                                             391000,00
391500,00
                                           500.0494
             739
                                                                                                                 3874000.00
                                                                                                                                           2780.00
                                           500.0495
500.0496
             740
                                                                                             392500.00
                                                                                                                3874000.00
3874000.00
                                                                                                                                           2760.00
2900.00
                                                                                                                                                                                      0.00000
             741
                                                                                                                                                                                                       0.000E+00
                                           500.0497
                                                                                             393000.00
                                                                                                                3874000.00
3874000.00
3874000.00
3874000.00
                                                                                             393500.00
                                                                                                                                           2800.00
                                                                                                                                                                                      0.00000
             743
                                           500.0498
                                                                                                                                           2650.00
2640.00
2630.00
                                                                                             394000.00
                                                                                                                                                                                      0.00000
                                           500.0499
             744
                                                                                             394500.00
395000.00
                                           500.0500
                                                                                            39500.00 3874000.00

395500.00 3874000.00

396500.00 3874000.00

397000.00 3874000.00

397500.00 3874000.00

397500.00 3874000.00

398500.00 3874000.00

398500.00 3874000.00

399500.00 3874000.00

399500.00 3874000.00

36500.00 3874000.00

38700.00 3874500.00

387500.00 3874500.00

387500.00 3874500.00

387500.00 3874500.00

388500.00 3874500.00

387500.00 3874500.00

388500.00 3874500.00

388500.00 3874500.00

388500.00 3874500.00
                                                                                                                                                                                      0.00000
             746
                                           500.0501
                                                                                                                                           2620.00
2610.00
2600.00
                                           500.0502
             747
                                           500.0503
                                                                                                                                                                                      0.00000
                                           500.0504
                                                                                                                                           2590.00
2590.00
2585.00
                                           500.0505
             750
                                                                                                                                                                                      0.00000
                                           500.0506
                                                                                                                                                                                      0.00000
                                           500.0507
500.0508
                                                                                                                                                                                      0.00000
                                                                                                                                           2580.00
             753
                                                                                                                                                                                                       0.000E+00
                                                                                                                                           2595.00
2720.00
                                            500.0509
             754
                                                                                                                                                                                      0.00000
                                           500.0510
                                                                                                                                           2600.00
                                                                                                                                                                                      0.00000
             756
                                           500.0511
500.0512
                                                                                                                                                                                      0.00000
                                                                                                                                           3110.00 3080.00
             757
                                            500.0513
                                                                                                                                           3040.00
                                                                                                                                                                                      0.00000
                                           500.0514
             759
                                                                                                                                           3020.00
                                                                                                                                                                                      0.00000
             760
                                            500.0516
                                                                                                                                           2950.00
                                                                                                                                                                                      0.00000
             762
                                           500.0517
                                                                                                                3874500.00
3874500.00
3874500.00
3874500.00
3874500.00
3874500.00
3874500.00
3874500.00
3874500.00
                                                                                                                                                                                      0.00000
                                                                                             389000.00
                                                                                                                                           2920.00
                                           500.0518
             763
                                                                                             389500.00
390000.00
390500.00
                                                                                                                                           2890.00
2860.00
                                            500.0519
                                                                                                                                                                                      0.00000
                                           500.0520
500.0521
                                                                                                                                                                                      0.00000
                                                                                                                                           2840.00
             766
                                                                                                                                           2810.00
                                            500.0522
                                                                                             391000.00
             767
                                                                                             391000.00
391500.00
392000.00
392500.00
393000.00
                                                                                                                                           2780.00
                                                                                                                                                                                      0.00000
                                            500.0523
                                                                                                                                           2760.00
2780.00
                                                                                                                                                                                      0.00000
                                            500.0524
             769
                                           500.0525
                                                                                                                                            2900.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                           500.0526
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                                                                             393500.00
                                                                                                               3874500.00
                                                                                                                                           2700.00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Ontput File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 63
                                                                                             394000.00 3874500.00
394500.00 3874500.00
395000.00 3874500.00
395500.00 3874500.00
396000.00 3874500.00
                                                                                                                                           2660.00
                                           500.0528
500.0529
                                                                                                                                                                                      0.00000
0.00000
0.00000
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           2650.00
             774
                                                                                                                                           2640.00
2630.00
2620.00
             775
                                            500.0530
                                            500.0531
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                      0.00000
             777
778
                                            500.0532
                                                                                                                                                                                      0.00000
                                            500.0533
                                                                                             396500.00
                                                                                                                 3874500.00
3874500.00
                                                                                                                                           2610.00
                                                                                                                                           2610.00
2595.00
                                                                                                                                                                                      0.00000
                                                                                                                                                                                                        0.000E+00
                                                                                             397000.00
397500.00
                                            500.0534
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                 3874500.00
                                                                                                                                                                                      0.00000
             780
                                            500.0535
                                                                                                               3874500.00
3874500.00
3874500.00
                                                                                                                                           2590.00
2580.00
2610.00
                                                                                                                                                                                      0.00000
                                            500.0536
                                                                                             398000.00
             781
```

0.00000

0.000E+00

398500.00 399000.00

500.0537

500.0538

```
399500.00 3874500.00
400000.00 3874500.00
386000.00 3875000.00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
                                                                                                                2790.00 2580.00
                           500.0539
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
                          500.0540
785
                                                                                                                3100,00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
0.000E+00
786
787
                           500.0542
                                                                       386500.00
387000.00
                                                                                        3875000.00
                                                                                                                3080.00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                          500.0543
500.0544
                                                                                        3875000.00
                                                                                                                                                      0.00000
788
                                                                                       3875000.00
3875000.00
3875000.00
                                                                                                                3020.00
                                                                                                                                                      0.00000
                                                                       387500.00
789
790
                          500.0545
                                                                       388000.00
388500.00
                                                                                                                2960.00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
791
792
                                                                                       3875000.00
3875000.00
3875000.00
                                                                                                                2920.00
2900.00
                                                                                                                                                                      0.000E+00
0.000E+00
                           500.0547
                                                                       389000.00
                                                                                                                                                      0.00000
                                                                                                                                                      0.00000
                                                                       389500.00
793
                           500.0548
                           500.0549
                                                                                                                2865,00
                                                                                                                                                      0,00000
                                                                                                                                                                      0.000E+00
794
                                                                                       3875000.00
3875000.00
3875000.00
3875000.00
3875000.00
                                                                                                                                                                      0.000E+00
0.000E+00
79S
                           500.0550
                                                                       390500.00
                                                                                                                2840.00
                                                                                                                                                      0.00000
                                                                                                                                                      0.00000
796
                                                                                                                2810.00
2780.00
                          500.0551
500.0552
                                                                       391000.00
391500.00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
797
                                                                                                                2760,00
2740,00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
0.000E+00
                           500.0553
                                                                       392000.00
798
                                                                       392500.00
393000.00
799
                           500.0554
                                                                                       3875000.00
3875000.00
3875000.00
3875000.00
                           500.0555
                                                                                                                2730,00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
800
                                                                                                                2700.00
2680.00
2660.00
                                                                                                                                                                      0.000E+00
0.000E+00
801
                           500.0556
                                                                       393500.00
                                                                                                                                                      0.00000
                                                                                                                                                      0.00000
                           500.0557
500.0558
                                                                       394000.00
394500.00
802
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
803
                                                                       395000.00
395500.00
396000.00
                                                                                        3875000.00
3875000.00
3875000.00
                                                                                                                                                      0.00000
                                                                                                                2650.00 2640.00
                                                                                                                                                                      0.000E+00
804
                           500.0559
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
                           500.0560
500.0561
805
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                2625.00
806
                                                                                       3875000.00
3875000.00
3875000.00
3875000.00
3875000.00
                                                                       396500.00
397000.00
397500.00
                                                                                                                2615.00
2610.00
2600.00
807
                           500,0562
                                                                                                                                                      0,00000
                                                                                                                                                                      0,000E+00
ROR
                           500.0563
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
809
                                                                                                                                                                      0.000E+00
0.000E+00
                           500.0565
                                                                       398000,00
                                                                                                                2595.00
2590.00
                                                                                                                                                      0.00000
811
                           500.0566
                                                                                       3875000.00
3875000.00
3875000.00
                                                                       399000.00
399500.00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
0.000E+00
                           500.0567
                                                                                                                2580.00
812
                                                                                                                2575.00
813
                           500.0568
                                                                       400000.00
                                                                                                                2570.00
                                                                                                                                                      0.00000
                                                                                                                                                                      0.000E+00
814
                           500.0569
```

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 64

*** PATHWAY-SPECIFIC DATA ***

```
*** RISK LEVELS ***
                                                                                                  1.00E-06
 Significant risk level
Significant risk level
Zone of impact risk level
Significant hazard index for acute exposure
Significant hazard index for chronic exposure
*** INHALATION PATHWAY ***
Respiration rate (RR) (m3/d)
Average body weight (ABW) (kg)
*** MULTIPATHWAY POLLUTANTS ***
                                                                                                  1.00E-07
                                                                                               0.50
                                                                                               0.50
                                                                                               70.0
Number of multipathway pollutants
Symbol and identification number
                                                                                                   2.7
                                                             Arsenic
                                                                                               As
                                                             Beryllium
                                                             Cadmium
                                                                                               Cd
                                                                                                           22
                                                             Chlorobenzene CBZ
Chromium (hex.) Cr
Dioxins/Dibenzofuran TCDD
                                                                                                           29
                                                                                                           55
                                                             2-Chlorophenol
p-Dichlorobenzene
Hexachlorobenzene
                                                                                              CPHE2
                                                                                                           33
                                                                                               PDCB
                                                                                                           48
                                                                                               HCB
                                                             Hexachlorocyclohexan HCHEX
                                                                                                           75
                                                              Lead
                                                                                               Pb
                                                                                                           83
                                                             Mercury
                                                             NNitrosodiethylamine NNETH
                                                                                                          101
                                                             NNitrosodimethylamin NNMET
NNitrosodiphenylamin PNPHE
                                                                                                         102
                                                              NNitrosodinbutylamin NNBUT
                                                                                                          103
                                                             NNitrosodinpropylami NNDPP
NNitromethyethylamin NNMEL
                                                                                                          104
                                                              NNitrosomorpholine
                                                                                               NNMPH
                                                                                                          107
                                                             NNitrosopiperidine
NNitrosopyrrolidine
                                                                                               NNPRD
                                                                                                          108
                                                                                              NNPLD
                                                             Naphthalene
                                                                                               NAPTH
                                                                                                          110
                                                                                               PAH
                                                             PAH
                                                                                                          130
                                                              Polychlor, biphenyls PCB
                                                              Pentachlorophenol
                                                                                              PENTA
                                                                                                         155
                                                             2,4,6Trichlorophenol TC246
2,4,5Trichlorophenol TC245
        *** SOIL ***
 Vertical rate of deposition
                                                           - Arsenic
                                                                                               0.02
                                                                                               0.02
    (Dep_rate) (m/s)
                                                             Beryllium
                                                              Cadmium
                                                             Chlorobenzene
                                                                                               0 02
                                                             Chromium (hex.)
                                                                                               0.02
                                                             Dioxins/Dibenzofuran 0.02
                                                           - 2-Chlorophenol
                                                                                              0.02
                                                           - p-Dichlorobenzene
                                                                                               0.02
```

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 65

```
- Hexachlorobenzene 0.02

- Hexachlorocyclohexan 0.02

- Lead 0.02

- Mercury 0.02

- NNitrosodiethylamin 0.02

- NNitrosodimethylamin 0.02

- Nnitrosodiphenylamin 0.02
```

```
NNitrosodinbutylamin 0.02
NNitrosodinpropylami 0.02
NNitromethyethylamin 0.02
                                                                                                       NNitrosomorpholine
NNitrosopiperidine
NNItrosopyrrolidine
                                                                                                                                                         0.02
                                                                                                                                                         0.02
                                                                                                       Naphthalene
PAH
                                                                                                                                                         0.02
                                                                                                       Polychlor, biphenyls
                                                                                                       Pentachlorophenol 0.02
2,4,6Trichlorophenol 0.02
2,4,5Trichlorophenol 0.02
         Beginning of evaluation period (To) (d)
End of evaluation period (Tf) (d)
Soil mixing depth for human ingestion (SD) (m)
Soil bulk density (BD) (kg/m3)
Chemical half-life in soil (t1/2)(d) - Arsenic
                                                                                                                                                         0.0
25550.0
                                                                                                                                                         0.0100
                                                                                                                                                         1333,0
                                                                                                                                                              1.00E+08
                                                                                                       Beryllium
                                                                                                                                                              1.00E+08
                                                                                                                                                              1.00E+08
1.50E+02
                                                                                                       Cadmium
                                                                                                       Chlorobenzene
                                                                                                       Chromium (hex.)
Dioxins/Dibenzofuran
2-Chlorophenol
                                                                                                                                                              1.00E+08
                                                                                                                                                              4.38E+03
7.00E+01
                                                                                                       p-Dichlorobenzene
Hexachlorobenzene
Hexachlorocyclohexan
                                                                                                                                                              1.80E+02
                                                                                                                                                              2.09E+03
1.70E+02
                                                                                                                                                              1.00E+08
                                                                                                                                                              1.00E+08
                                                                                                       Mercury
                                                                                                       NNitrosodiethylamine
                                                                                                                                                              1.80E+02
                                                                                                       NNitrosodimethylamin
NNitrosodiphenylamin
NNitrosodinbutylamin
                                                                                                                                                              1.80E+02
1.80E+02
                                                                                                                                                              1,80E+02
                                                                                                      NNitrosodinbutylamin
NNitrosodinpropylami
NNitromethyethylamin
NNitrosomorpholine
NNitrosopyreridine
NNitrosopyrrolidine
Naphthalene
PAH
                                                                                                                                                              1,80E+02
                                                                                                                                                              1.80E+02
                                                                                                                                                              1.80E+02
                                                                                                                                                              1.80E+02
                                                                                                                                                              1.80E+02
                                                                                                                                                               4.80E+02
                                                                                                                                                               4.80E+02
                                                                                                       Polychlor, biphenyls
                                                                                                                                                              3.60E+03
                                                                                                       Pentachlorophenol
                                                                                                                                                              1.78E+02
7.00E+01
                                                                                                       2,4,6Trichlorophenol
2,4,5Trichlorophenol
                                                                                                                                                              6.90E+02
                     *** WATER ***
          Location (receptor #) of drinking water source
COLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 66
         Site-specific water surface area (SA) (m2)
Site-specific water volume (WV) (kg)
Site-specific number of volume changes per year (VC)
                                                                                                                                                         -1.0
-1.0
        Site-specific number of volume changes per year (VC) -1.0
Site-specific fraction of run-off water (ROf) -1.0
Wash coefficient-fraction of material washed by runoff (WC) -1.0
Site-specific watershed area impacted (WSIA) (m2) -1.0
Site-specific average annual rainfall (RF) (m) -1.0
Site-specific watershed run-off coefficient (ROC) -1.0

**** VEGETATION ***

Location (receptor #) of crop source
Soil mixing depth (SD) for homegrown crops (m) 0.150
Interception coefficient for root crops (IFC ROOT) 0.0
Interception coefficient for leafy crops (IFC LEAFY) 0.20
Interception coefficient for vine crops (IFC VINE) 0.10
Weathering constant (k) (1/d) 0.049
Crop yield (Y) (kg/m2) 2.0
Crop growth period (T) (d) 90.0
Root uptake (UF2) - ROOT - Arsenic 2.0
- Beryllium 4.0
                                                                                                                                                         0.150
                                                                                                                                                         0.0495
                                                                                                                                                         90.0
2.00E-03
                                                                                                  - Beryllium
                                                                                                                                                              4.00E-04
                                                                                                                                                         4.00E-02
-1.0
                                                                                                      Cadmium
                                                                                                     Chlorobenzene -1.0
Chromium (hex.) 1.00E-03
Dioxins/Dibenzofuren -1.0
2-Chlorophenol -1.0
p-Dichlorobenzene -1.0
Hexachlorobenzene -1.0
Hexachlorocyclohexan -1.0
1-2-02 -2.00E-03
2 00E-02
                                                                                                       Mercury
                                                                                                                                                              2.00E-02
                                                                                                      NNitrosodiethylamine -1.0
NNitrosodimethylamin -1.0
                                                                                                       NNitrosodiphenylamin -1.0
                                                                                                      NNitrosodinbutylamin -1.0
NNitrosodinpropylami -1.0
NNitromethyethylamin -1.0
                                                                                                      NNitrosomorpholine -1.0
NNitrosopiperidine -1.0
NNitrosopyrrolidine -1.0
                                                                                                      Naphthalene
PAH
                                                                                                                                                         -1.0
                                                                                                       Polychlor, biphenyls -1.0
                                                                                                      Pentachlorophenol -1.0
2,4,6Trichlorophenol -1.0
2,4,5Trichlorophenol -1.0
                                                                                                                                                             4.00E-03
1.00E-03
                                                                                                  - Arsenic
- Beryllium
         Root uptake (UF2) - LEAF
                                                                                                                                                              6.00E-02
                                                                                                       Cadmium
                                                                                                  - Chlorobenzene
                                                                                                                                                        -1.0
```

```
- Chromium (hex.) 8.0
- Dioxins/Dibenzofuran -1.0
- 2-Chlorophenol -1.0
                                                                                                                   -1.0
                                                                          - p-Dichlorobenzene
     DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **Out File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 67
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                          - Hexachlorobenzene
                                                                             Hexachlorocyclohexan -1.0
                                                                                                                      5.00E-03
9.00E-02
                                                                             Lead
                                                                             Mercury 9.0
NNitrosodiethylamine -1.0
NNitrosodimethylamin -1.0
                                                                             NNitrosodiphenylamin -1.0
NNitrosodinbutylamin -1.0
                                                                             NNitrosodinbutylamin -1.0

NNitrosodinpropylami -1.0

NNitromethyethylamin -1.0

NNitrosomorpholine -1.0

NNitrosopiperidine -1.0
                                                                             NNitrosopyrrolidine -1.0
                                                                                                                   -1.0
                                                                             Naphthalene
                                                                             Polychlor. biphenyls -1.0
Pentachlorophenol -1.0
2,4,6Trichlorophenol -1.0
2,4,5Trichlorophenol -1.0
Arsenic 9.0
       Root uptake (UF2) - VINE
                                                                                                                       9.00E-04
                                                                             Beryllium
                                                                             Cadmium
                                                                                                                       2.00E-02
                                                                             Chlorobenzene
                                                                                                                   -1.0
                                                                             Chromium (hex.) 6.0
Dioxins/Dibenzofuran -1.0
2-Chlorophenol -1.0
p-Dichlorobenzene -1.0
Hexachlorobenzene -1.0
                                                                                                                       6.00E-04
                                                                             Hexachlorocyclohexan -1.0
                                                                                                                      1.00E-03
3.00E-02
                                                                             Mercury 3.1
NNitrosodiethylamine -1.0
                                                                             NNitrosodimethylamin -1.0
NNitrosodiphenylamin -1.0
NNitrosodinbutylamin -1.0
NNitrosodinpropylami -1.0
                                                                             NNitromethyethylamin -1.0
NNitrosomorpholine -1.0
                                                                              NNitrosopiperidine
                                                                             NNitrosopyrrolidine -1.0
Naphthalene -1.0
                                                                             PAH -1.0
Polychlor. biphenyls -1.0
Pentachlorophenol -1.0
                                                                             2,4,6Trichlorophenol -1.0
2,4,5Trichlorophenol -1.0
Arsenic -1.0
       Octanol:water partition factor (Kow)
                                                                                                                   -1.0
                                                                             Beryllium
                                                                             Cadmium
Chlorobenzene
                                                                                                                    -1.0
                                                                          - Chromium (hex.) -1.0
- Dioxins/Dibenzofuran -1.0
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                  11/07/95 09:51:16 Page -
                                                                             2-Chlorophenol
                                                                             p-Dichlorobenzene
Hexachlorobenzene
                                                                                                                   -1.0
                                                                             Hexachlorocyclohexan -1.0
                                                                             Lead
                                                                                                                   -1.0
                                                                             Mercury -1.0
NNitrosodiethylamine -1.0
                                                                             NNitrosodimethylamin -1.0
NNitrosodiphenylamin -1.0
NNitrosodiphenylamin -1.0
                                                                             NNitrosodinbropylamin -1.0

NNitromethyethylamin -1.0

NNitrosomorpholine -1.0

NNitrosopiperidine -1.0
                                                                             NNitrosopyrrolidine
Naphthalene
                                                                             Polychlor. biphenyls -1.0
Pentachlorophenol -1.0
                                                                             Pentachlorophenol -1.0
2,4,6Trichlorophenol -1.0
2,4,5Trichlorophenol -1.0
Arsenic -1.0
      Organic carbon partition coeff (Koc)
                                                                             Beryllium
                                                                             Cadmium
                                                                             Chlorobenzene
                                                                             Chromium (hex.)
                                                                             Dioxins/Dibenzofuran -1.0
2-Chlorophenol -1.0
                                                                             2-Chlorophenol
p-Dichlorobenzene
Hexachlorobenzene
                                                                             Hexachlorocyclohexan -1.0
                                                                             Lead
                                                                          - Mercury
                                                                                                                   -1.0
```

8.00E-04

```
NNitrosodiethylamine -1.0
                                                                                                                    NNitrosodiethylamine -1.0

NNitrosodimethylamin -1.0

NNitrosodiphenylamin -1.0

NNitrosodinbutylamin -1.0

NNitrosodinpropylami -1.0

NNitromothyethylamin -1.0
                                                                                                                                                                             -1.0
-1.0
                                                                                                                    NNitrosomorpholine
NNitrosopiperidine
NNitrosopyrrolidine
                                                                                                                                                                             -1.0
                                                                                                                    Naphthalene
PAH
                                                                                                                    Polychlor, biphenyls
                                                                                                                - Pentachlorophenol -1.0
- 2,4,6Trichlorophenol -1.0
- 2,4,5Trichlorophenol -1.0
           Fraction of organic in soil (Foc)

*** ANIMAL PRODUCTS ***

Location (receptor #) of animal farm

Soil mixing depth (SD) for animal pasture (m)
                                                                                                                                                                             0.10
                                                                                                                                                                             0.010
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                                                                                           11/07/95 09:51:16 Page -
            Soil mixing depth (SD) for animal feed (m) Inhalation rate (RR) (m3/d) - Cat
                                                                                                                                                                             0.150
                                                                                                                                                                                  8.00E+01
7.00E+00
                                                                                                               - Cattle/Lactating
- Pigs
                                                                                                                    Poultry
Goats/Sheep
                                                                                                                                                                                   1.00E+00
                                                                                                                                                                                  6.00E+00
            Water ingestion rate (WI) (kg/d)
                                                                                                                    Cattle/Lactating
                                                                                                                                                                                  1.00E+02
                                                                                                               - Pigs
- Poultry
                                                                                                                                                                                  8.00E+00
                                                                                                                                                                                  6.00E-01
                                                                                                                    Goats/Sheep
                                                                                                                                                                                   6.00E+00
           Site-specific % water ingested from contaminated water (%SW) Site-specific % diet provided by grazing (%G) Site-specific % feed other than pasture locally grown (L) Feed ingestion rate (FI) (kg/d) - Cattle - Lactating - Pigs -
                                                                                                                                                                                  0.25
                                                                                                                                                                                  1.00
                                                                                                                                                                                  8.00E+00
                                                                                                                                                                                  1.60E+01
2.00E+00
                                                                                                                    Poultry
                                                                                                                                                                                  3.00E-01
                                                                                                                     Goats/Sheep
                                                                                                                                                                                  2,00E+00
            Soil ingested as % of feed ingested
                                                                                                                     Cattle/Lactating
                                                                                                                                                                                   1.00E-02
                                                                                                                                                                                  1.00E-02
                                                                                                                     Poultry
                                                                                                                                                                                   1.00E-02
                                                                                                                     Goats/Sheep
                                                                                                                                                                                  1.00E-02
            Soil ingested as % of pasture ingested (%Sp)
                                                                                                                                                                                  5.00E-02
3.00E-02
                                                                                                                     Cattle/Lactating
                                                                                                                     Pigs
                                                                                                                    Poultry
Goats/Sheep
                                                                                                                                                                                  3.00E-02
                                                                                                                                                                                  7.00E-02
           Transfer coefficient of contaminant
                                                                                                                                                                                  2.00E-03
                                                                                                                    Arsenic
                 from diet to meat product
                                                                                                                    Beryllium
                                                                                                                                                                                  1.00E-03
                      (Fi_meat)
                                                                                                                    Cadmium
                                                                                                                                                                                  3.50E-04
                                                                                                                     Chlorobenzene
                                                                                                                                                                              -1.0
                                                                                                                    Chromium (hex.)
Dioxins/Dibenzofuran
2-Chlorophenol
p-Dichlorobenzene
Hexachlorobenzene
                                                                                                                                                                                  9.20E-03
                                                                                                                                                                                  4.00E-01
                                                                                                                                                                           -1.0
-1.0
                                                                                                                                                                             -1.0
                                                                                                                    Hexachlorocyclohexan -1.0
                                                                                                                                                                                  4.00E-04
                                                                                                                    Mercury
                                                                                                                                                                                  2.70E-02
                                                                                                                    NNitrosodiethylamine -1.0
                                                                                                                    NNitrosodimethylamin -1.0
                                                                                                                    NNitrosodiphenylamin -1.0
NNitrosodiphutylamin -1.0
                                                                                                                    NNitrosodinpropylami -1.0

NNitromethyethylamin -1.0

NNitrosomorpholine -1.0

NNitrosomorpholine -1.0
                                                                                                                    NNitrosopyrrolidine
                                                                                                                                                                           -1.0
                                                                                                                                                                            -1.0
-1.0
                                                                                                                    Naphthalene
PAH
                                                                                                                   PAH
Polychlor. biphenyls 5.00E-02
Pentachlorophenol -1.0
2,4,6Trichlorophenol 9.00E-05
2,4,5Trichlorophenol -1.0
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 70
           Transfer coefficient of contaminant
                                                                                                                                                                                  6.20E-05
                                                                                                                    Arsenic
                 from diet to milk product
                                                                                                                                                                                  9.10E-07
                                                                                                                    Beryllium
                      (Fi_milk)
                                                                                                                    Cadmium
                                                                                                                                                                                  1.00E-03
                                                                                                                    Chlorobenzene
                                                                                                                                                                             -1.0
                                                                                                              - Chlorobenzene
- Chromium (hex.)
- Dioxins/Dibenzofuran
- 2-Chlorophenol
- p-Dichlorobenzene
- Hexachlorobenzene
                                                                                                                                                                                  1.00E-05
                                                                                                                                                                            4.00E-02
-1.0
                                                                                                                                                                         -1.0
                                                                                                                    Hexachlorocyclohexan -1.0
                                                                                                                                                                                 2.60E-04
9.70E-06
                                                                                                                    Lead
                                                                                                                    Mercury
                                                                                                                    NNitrosodiethylamine -1.0
NNitrosodimethylamin -1.0
                                                                                                                    NNitrosodiphenylamin -1.0
                                                                                                                    NNitrosodinbutylamin -1.0
NNitrosodinpropylami -1.0
                                                                                                               - NNitromethyethylamin -1.0
```

```
NNitrosopiperidine
NNitrosopyrrolidine
                                                                                                                            -1.0
                                                                                                                            -1.0
                                                                                   Naphthalene
PAH
                                                                                                                            -1.0
                                                                                                                            -1.0
                                                                                   Palyohlor, biphenyls 1.0
Pentachlorophenol -1.0
2,4,6Trichlorophenol 4.2
2,4,5Trichlorophenol -1.0
                                                                                                                                1.00E-02
                                                                                                                                4.20E-05
                                                                                                                                2.00E-03
       Transfer coefficient of contaminant
                                                                                   Arsenic
                                                                                    Beryllium
                                                                                                                                1.00E-03
           from diet to egg product
                                                                                    Cadmium
                                                                                                                                3.50E-04
               (Fi_egg)
                                                                                                                            -1.0
                                                                                   Chlorobenzene
Chromium (hex.)
                                                                                                                                9.20E-03
                                                                                    Dioxins/Dibenzofuran
                                                                                                                                4.00E-01
                                                                                                                            -1.0
                                                                                   2-Chlorophenol
                                                                                   p-Dichlorobenzene
Hexachlorobenzene
                                                                                                                            -1.0
                                                                                   Hexachlorocyclohexan -1.0
Lead 4.0
                                                                                                                                4.00E-04
                                                                                                                                2.70E-02
                                                                                   NNitrosodiethylamine -1.0
NNitrosodimethylamin -1.0
                                                                                    NNitrosodiphenylamin -1.0
                                                                                   NNitrosodippenjalann -1.0
NNitrosodippropylami -1.0
NNitrosomorpholine -1.0
NNitrosopiperidine -1.0
NNitrosopiperidine -1.0
NNitrosopiperidine -1.0
                                                                                   NNitrosopyrrolidine -1.0
Naphthalene -1.0
PAH -1.0
                                                                                                                            -1.0
-1.0
                                                                                   PAH Polychlor, biphenyls 5.0
                                                                                                                                5.00E-02
                                                                                   Pentachlorophenol
                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                         Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                 11/07/95
                                                                                                                                                                                                                     09:51:16
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                                          Page -
                                                                                - 2,4,6Trichlorophenol 9.0
- 2,4,5Trichlorophenol -1.0
                                                                                                                                9.00E-05
   - 2,4,5Trichlorophenol -1.0

Location (receptor #) of animal's water source
Site-specific water surface area (SA) (m2)
Site-specific water volume (WV) (kg)
Site-specific number of volume changes per year (VC)
Site-specific fraction of run-off water (ROf)
Wash coefficient-fraction of material washed by runoff (WC) -1.0
Site-specific watershed area impacted (WSIA) (m2)
Site-specific watershed run-off coefficient (ROC)
Site-specific watershed run-off coefficient (ROC)
-1.0

Site-specific watershed run-off coefficient (ROC)
-1.0
Location (receptor #) of fish farm/pond/lake/stream
                                                                                                                             1000.0
                                                                                                                             2.00E+06
5.0
      *** FISH PRODUCTS ***

Location (receptor #) of fish farm/pond/lake/stream
Site-specific water surface area (SA) (m2)
Site-specific water volume (WV) (kg)
Site-specific number of volume changes per year (VC)
Site-specific fraction of run-off water (ROf)
Wash coefficient-fraction of material washed by runoff (WC)
Site-specific watershed area impacted (WSIA) (m2)
Site-specific average annual rainfall (RF) (m)
Site-specific watershed run-off coefficient (ROC)
Bioconcentration factor (BCF) - Arsenic
- Rervilium
                                                                                                                                 1.50E+05
                                                                                                                             3.00E+08
5000.0
                                                                                                                             -1.0
                                                                                                                            -1.0
                                                                                                                             -1.0
                                                                                                                             -1.0
                                                                                                                             -1.0
                                                                                                                                 4.00E+00
                                                                                - Beryllium
- Cadmium
                                                                                                                                 1.90E+01
                                                                                   Chlorobenzene
                                                                                                                             -1.0
                                                                                                                                2.00E+00
                                                                                   Chromium (hex.)
Dioxins/Dibenzofuran
                                                                                                                                5.00E+03
                                                                                                                            -1.0
-1.0
                                                                                   2-Chlorophenol
                                                                                   p-Dichlorobenzene
Hexachlorobenzene
                                                                                                                                8.00E+03
                                                                                   Hexachlorocyclohexan -1.0
Lead 1.55E+02
Mercury 5.00E+03
                                                                                    NNitrosodiethylamine -1.0
                                                                                   NNitrosodimethylamin -1.0
NNitrosodiphenylamin -1.0
                                                                                    NNitrosodinbutylamin -1.0
                                                                                   NNitrosodinpropylami -1.0
NNitromethyethylamin -1.0
                                                                                    NNitrosomorpholine
                                                                                                                            -1.0
                                                                                   NNitrosopiperidine
NNitrosopyrrolidine
                                                                                                                            -1.0
                                                                                                                             -1.0
                                                                                   Naphthalene
PAH
                                                                                                                                1.55E+03
1.55E+03
1.00E+05
                                                                                   Polychlor, biphenyls
Pentachlorophenol
                                                                                   2,4,6Trichlorophenol 5.0
2,4,5Trichlorophenol 5.0
                                                                                                                                5.00E+02
                                                                                   2,4,5Trichlorophenol -1.0
                 *** DERMAL ABSORPTION PATHWAY ***
                                                                                                                             4656.0
       Surface area of exposed skin (SA) (cm2)
       Soil loading on skin (SL)
Fraction absorbed across skin (ABS) - Arsenic
                                                                                                                             0.50
1.00E-03
    DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Output File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 72
   put File: g:\ace\GQ91\GQTPACE.DAT
                                                                                - Beryllium
                                                                                                                                1.00E-03
                                                                                                                                2.00E-03
                                                                                   Cadmium
                                                                                - Chlorobenzene
                                                                                                                                 1.00E-01
```

NNitrosomorpholine

```
Chromium (hex.)
Dioxins/Dibenzofuran
2-Chlorophenol
                                                                                                                       1.00E-02
                                                                                                                       2.00E-02
                                                                                                                       1.00E-01
1.00E-01
                                                                              p-Dichlorobenzene
                                                                                                                        1.00E-01
                                                                             Heyachlorobenzene
                                                                             Hexachlorocyclohexan
                                                                                                                        1,00E-01
                                                                                                                          .00E-03
                                                                                                                        1.00E-02
                                                                             Mercury
                                                                              NNitrosodiethylamine
                                                                                                                        1.00E-01
                                                                             NNitrosodimethylamin
NNitrosodiphenylamin
NNitrosodinbutylamin
                                                                                                                          .00E-01
                                                                                                                        1.00E-01
                                                                                                                        1.00E-01
                                                                                                                       1.00E-01
1.00E-01
                                                                              NNitrosodinpropylami
                                                                             NNitromethyethylamin
NNitrosomorpholine
                                                                                                                        1.00E-01
                                                                             NNitrosopiperidine
NNitrosopyrrolidine
Naphthalene
PAH
                                                                                                                        1.00E-01
                                                                                                                        1.00E-01
                                                                                                                        3.00E-02
                                                                                                                        3.00E-02
                                                                              Polychlor, biphenyls
                                                                                                                        1.50E-01
                                                                             Pentachlorophenol
2,4,6Trichlorophenol
2,4,5Trichlorophenol
                                                                                                                        1.00E-01
                                                                                                                       1.00E-01
                                                                                                                       1.00E-01
       Lifetime average soil ingestion rate per day (Is) (mg/d)
Gastrointestinal absorption factor - Arsenic
(GI)
                                                                                                                   110.0
                                                                                                                        1.00E+00
                                                                                                                        1.00E+00
                                                                                                                        1.00E+00
                                                                             Cadmium
                                                                                                                        1.00E+00
                                                                             Chlorobenzene
                                                                             Chromium (hex.)
Dioxins/Dibenzofuran
                                                                                                                        1.00E+00
                                                                                                                       1.00E+00
1.00E+00
                                                                              2-Chlorophenol
                                                                             p-Dichlorobenzene
Hexachlorobenzene
                                                                                                                        1.00E+00
                                                                                                                        1.00E+00
                                                                                                                        1.00E+00
                                                                              Hexachlorocyclohexan
                                                                                                                        1.00E+00
                                                                                                                        1,00E+00
                                                                             Mercury
                                                                              NNitrosodiethylamine
                                                                                                                        1.00E+00
                                                                             NNitrosodimethylamin
NNitrosodiphenylamin
                                                                                                                        1.00E+00
1.00E+00
                                                                              NNitrosodinbutylamin
                                                                                                                        1.00E+00
                                                                             NNitrosodinpropylami
NNitromethyethylamin
NNitrosomorpholine
                                                                                                                       1.00E+00
1.00E+00
                                                                                                                        1.00E+00
                                                                              NNitrosopiperidine
                                                                                                                        1.00E+00
                                                                                                                        1.00E+00
                                                                             NNitrosopyrrolidine
Naphthalene
                                                                                                                        1.00E+00
                                                                                                                        1.00E+00
                                                                             Polychlor. biphenyls
                                                                                                                        1.00E+00
COLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 73
                                                                             Pentachlorophenol
2,4,6Trichlorophenol
2,4,5Trichlorophenol
                                                                                                                        1-00E+00
                                                                                                                       1.00E+00
                                                                                                                        1.00E+00
                                                                             Arsenic
Beryllium
                                                                                                                   1.0
      Bioavailability factors (BIO)
                                                                                                                    1.0
                                                                             Cadmium
                                                                                                                    1.0
                                                                             Chlorobenzene
                                                                                                                   1.0
                                                                             Chromium (hex.)
                                                                                                                   1.0
                                                                              Dioxins/Dibenzofuran
                                                                                                                        4.30E-01
                                                                                                                   1.0
                                                                             2-Chlorophenol
                                                                             p-Dichlorobenzene
                                                                                                                   1.0
                                                                              Hexachlorobenzene
                                                                             Hexachlorocyclohexan
                                                                             Lead
                                                                                                                   1.0
                                                                             Mercury
                                                                              NNitrosodiethylamine 1.0
                                                                             NNitrosodimethylamin 1.0
                                                                             NNitrosodimethylamin 1.0
NNitrosodiphenylamin 1.0
NNitrosodinbutylamin 1.0
                                                                             NNitromethyethylamin 1.0
NNitrosomorpholine 1.0
NNitrosomorpholine 1.0
                                                                             NNitrosopiperidine
                                                                             NNitrosopyrrolidine
Naphthalene
                                                                                                                   1.0
                                                                             PAĤ
                                                                                                                   1.0
                                                                             Polychlor, biphenyls 1.0
                                                                             Pentachlorophenol
                                                                             2,4,6Trichlorophenol 1.0
                                                                          - 2,4,5Trichlorophenol 1.0
                *** WATER INGESTION PATHWAY ***
      *** WATER INGESTION PATHWAY ***

Lifetime average water ingestion rate per day (Iw) (1/d)

*** FOOD INGESTION - PLANT PRODUCTS PATHWAY ****

Site-specific fraction of root vegetable homegrown (L_Ir)

Site-specific fraction of leafy veget homegrown (L_Vine)

Daily consumption rate of root vegetable (IF_Ir) (kg/d)

Daily consumption rate of root vegetable (IF_Ir) (kg/d)

Daily consumption rate of leafy veget (IF_leafy) (kg/d)

Daily consumption rate of vine veget (IF vine) (kg/d)

**** FOOD INGESTION - ANIMAL PRODUCTS PATHWAY ****

Site-specific fraction of milk locally produced (L_Im)

Site-specific fraction of milk from cows

Site-specific fraction of milk from goats

Site-specific fraction of meat locally produced (L_Ib)
                                                                                                                   2.0
                                                                                                                   0.150
                                                                                                                   0.150
                                                                                                                   0.010
                                                                                                                   0.250
                                                                                                                   0.00
                                                                                                                   0.00
```

Page 41

```
Site-specific fraction of meat from cows
Site-specific fraction of meat from pigs
Site-specific fraction of meat from poultry
Site-specific fraction of meat from goats/sheep
Site-specific fraction of eggs locally produced
Site-specific fraction of fish locally produced
Daily consumption rate of milk (IF Im) (kg/d)
Daily consumption rate of meat (IF-Ib) (kg/d)
                                                                                                                                                                  0.50
                                                                                                                                                                  0.00
                                                                                                                                                                  0.50
                                                                                                                                                                  1.00
                                                                                                                                                                  0,00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
                                                                                                                                                                                                                                                           11/07/95 09:51:16 Page -
         Daily consumption rate of egg (kg/d)
Daily consumption rate of fish (IF_Ifi) (kg/d)
*** MOTHER'S MILK PATHWAY ***
                                                                                                                                                                  0,023
         *** MOTHER'S MILK PATHWAY ****

Beginning of exposure period for mother (d)
End of exposure period for mother (d)
Bily breast-milk ingestion rate (DERm) (kg/d)
Frequency of exposure (F) (d)
Period of exposure (YR) (yr)
Infant average body weight (ABS) (kg)
Fraction of contaminant partitioned to mother's fat (f1)
Fercent fat of mother's milk (f3)
Percent mother's weight that is fat (f2)
Contaminant half-life in mother

(t1/2) (d)

Beryllium
Cadmium
                                                                                                                                                                  0.0
                                                                                                                                                                  9490.0
                                                                                                                                                                  0.90
                                                                                                                                                                  365.0
                                                                                                                                                                  1.00
                                                                                                                                                                  6.50
                                                                                                                                                                  0.90
                                                                                                                                                                  0.040
                                                                                                                                                                   -1.0
                                                                                                                                                                  -1.0
                                                                                                                                                                   -1.0
                                                                                                             Cadmium
                                                                                                             Chlorobenzene
                                                                                                                                                                  -1.0
                                                                                                            Chromium (hex.) -1.0
Dioxins/Dibenzofuran 2117.00
                                                                                                             2-Chlorophenol
p-Dichlorobenzene
Hexachlorobenzene
                                                                                                                                                                 -1.0
-1.0
                                                                                                                                                                  -1.0
                                                                                                             Hexachlorocyclohexan -1.0
                                                                                                            Lead
Mercury
                                                                                                                                                                  -1.0
                                                                                                                                                                  -1.0
                                                                                                             NNitrosodiethylamine -1.0
NNitrosodimethylamin -1.0
NNitrosodiphenylamin -1.0
                                                                                                             NNitrosodinbutylamin -1.0
                                                                                                             NNitrosodinpropylami -1.0
NNitromethyethylamin -1.0
                                                                                                            NNitromethyethylamin -1.0
NNitrosomorpholine -1.0
NNitrosopiperidine -1.0
NNitrosopyrrolidine -1.0
Naphthalene -1.0
PAH -1.0
POlychlor. biphenyls 1460.0
                                                                                                        - Pentachlorophenol -1.0
- 2,4,6Trichlorophenol -1.0
- 2,4,5Trichlorophenol -1.0
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 75
```

*** PREDICTED PEAK 1-HOUR CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	ACETA	ACROL	As	BENZE	Be	Cd	Cr	Cu	нсно	нси
1 2 3 4 5 6 7	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	7.621E-02 3.270E-02 3.116E-02 9.390E-02 9.139E-02 8.831E-02 5.391E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	8.913E-02 3.835E-02 3.637E-02 1.100E-01 1.071E-01 1.035E-01 6.318E-02	2.666E-03 1.143E-03 1.110E-03 3.283E-03 3.196E-03 3.089E-03 1.922E-03	8.699E-04 3.738E-04 3.555E-04 1.073E-03 1.044E-03 1.009E-03 6.163E-04	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0,000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	5.740E+00 5.662E+00 5.680E+00 6.224E+00 6.056E+00 5.827E+00 5.938E+00
8 9 10 11 12 13	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	6.486E-02 6.799E-02 8.531E-02 7.166E-02 8.270E-02 2.386E-01	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	7.614E-02 7.986E-02 9.953E-02 8.406E-02 9.664E-02 2.804E-01	2.315E-03 2.425E-03 2.983E-03 2.595E-03 2.892E-03 8.342E-03	7.422E-04 7.782E-04 9.726E-04 8.201E-04 9.434E-04 2.730E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	6.080E+00 6.190E+00 9.802E+00 1.079E+01 2.975E+01 2.009E+01
14 15 16 17 18 19 20	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.374E-01 2.324E-01 2.074E-01 4.744E-02 8.998E-02 8.583E-02 1.094E-01	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.789E-01 2.730E-01 2.433E-01 5.515E-02 1.055E-01 1.004E-01	8.299E-03 8.125E-03 7.251E-03 1.659E-03 3.146E-03 3.001E-03 3.824E-03	2.716E-03 2.659E-03 2.371E-03 5.397E-04 1.028E-03 9.800E-04 1.250E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.181E+01 2.043E+01 2.589E+01 1.629E+01 1.499E+01 1.479E+01 1.990E+01
20 21 22 23 24 25 26	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.924E-02 9.610E-02 8.687E-02 8.411E-02 1.369E-01	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.163E-01 1.127E-01 1.019E-01 9.888E-02 1.599E-01 1.629E-01	3.472E-03 3.372E-03 3.081E-03 2.941E-03 4.787E-03 4.877E-03	1.134E-03 1.099E-03 9.936E-04 9.626E-04 1.561E-03 1.591E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.637E+00 9.939E+00 1.077E+01 1.201E+01 1.332E+01 1.313E+01
27 28 29 30 31 32	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.436E-01 2.972E-01 2.972E-01 2.475E-01 1.413E-01 1.426E-01	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.856E-01 3.480E-01 3.479E-01 2.903E-01 1.651E-01 1.666E-01	8.517E-03 1.039E-02 1.039E-02 8.655E-03 4.940E-03 4.985E-03	2.784E-03 3.394E-03 3.394E-03 2.829E-03 1.611E-03 1.626E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.423E+01 1.630E+01 1.630E+01 1.443E+01 1.304E+01 1.280E+01

```
0.000E+00
                              0.000E+00
                                              2.518E-01
                                                             0.000E+00
                                                                            2.953E-01
                                                                                           8.804E-03
                                                                                                          2.878E-03
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.499E+01
      34
                              0.000E+00
0.000E+00
                                             2.976E-01
2.965E-01
                                                                            3.482E-01
3.469E-01
                                                                                           1.041E-02
1.037E-02
                                                                                                          3.397E-03
3.385E-03
               0.000E+00
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.755E+01
               0.000E+00
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        1.607E+01
1.647E+01
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                              2.941E-01
                                                             0.000E+00
                                                                            3.438E-01
                                                                                           1.029E-02
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
      37
38
                                                                                                                                                        1.595E+01
               0 000E+00
                              0 000E+00
                                              2.895E-01
                                                             0.000E+00
                                                                            3.378E-01
                                                                                           1.012E-02
                                                                                                          3 300E-03
                                                                                                                         0 000E+00
                                                                                                                                         0.000E+00
                                              3.199E-01
                                                             0.000E+00
                                                                            3.734E-01
                                                                                                                                                        1.730E+01
               0.000E+00
                              0.000E+00
                                                                                           1.119E-02
                                                                                                          3.648E-03
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.113E+01
2.435E+01
2.708E+01
      39
               0.000E+00
                              0.000E+00
                                             4.439E-01
5.079E-01
                                                             0.000E+00
0.000E+00
                                                                            5.190E-01
5.961E-01
                                                                                           1.552E-02
1.776E-02
                                                                                                          5.066E-03
5.808E-03
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                                        0.000E+00
      40
                                                                                                                         0.000E+00
                              0.000E+00
                                              2.463E-01
                                                             0.000E+00
                                                                            2.891E-01
                                                                                                                                         0.000E+00
                                                                                                          2.819E-03
                                                                                                                          0.000E+00
      42
               0.000E+00
                              0.000E+00
                                             2 228E-01
                                                             0.000E+00
                                                                            2.620E-01
                                                                                           7.961E-03
                                                                                                          2.552E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        2.947E+01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                          09:51:16
                                                                                                                                                         Page -
                                              2,229E-01
                                                             0.000E+00
                                                                                           7.983E-03
                                                                                                                          0.000E+00
                                             1.533E-01
1.660E-01
                                                                            1.788E-01
1.938E-01
                              0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                           5.784E-03
5.807E-03
                                                                                                          1.747E-03
1.893E-03
                                                                                                                                        0.000E+00
0.000E+00
      44
               0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        2.903E+01
               0.000E+00
                                                                                                                         0.000E+00
      45
                                                                                                                                                        2.846E+01
                                                                                                          2.581E-03
2.255E-03
1.967E-03
      46
               0.000E+00
                              0.000E+00
                                              2.259E-01
                                                             0.000E+00
                                                                            2.645E-01
                                                                                           7.899E-03
                                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        3.229E+01
                                             1.976E-01
1.723E-01
                                                             0.000E+00
0.000E+00
                                                                            2.310E-01
2.016E-01
                                                                                           6.911E-03
6.039E-03
                                                                                                                                        0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        3.884E+01
                              0.000E+00
               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        2.422E+01
2.983E+01
1.895E+01
      48
                                             2.523E-01
2.759E-01
3.352E-01
                                                             0.000E+00
      49
               0.000E+00
                              0.000E+00
                                                                            2.964E-01
                                                                                           8.822E-03
                                                                                                          2.886E-03
                                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
      50
51
               0.000E+00
0.000E+00
                                                                                           9.645E-03
1.172E-02
                                                                                                          3.156E-03
3.838E-03
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            3.242E-01
                                                                                                                         0.000E+00
                              0.000E+00
                                                                            3.943E-01
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        3.101E+01
               0.000E+00
                              0.000E+00
                                              3.756E-01
                                                             0.000E+00
                                                                            4.418E-01
                                                                                           1.313E-02
                                                                                                                          0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        2.339E+01
                                                                                                          4.300E-03
      53
54
55
                              0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
               0.000E+00
                                              1.691E-01
                                                             0.000E+00
                                                                            1.983E-01
1.703E-01
                                                                                           5.913E-03
5.081E-03
                                                                                                          1.933E-03
1.661E-03
                                                                                                                         0.000E+00
                                                                                                                                                        3.756E+01
2.364E+01
                                              1.453E-01
                                                             0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
               0.000E+00
                              0.000E+00
                                              1.266E-01
                                                             0.000E+00
                                                                            1.483E-01
                                                                                           4.426E-03
                                                                                                          1.446E-03
                                                                                                                          0.000E+00
                                                                                                                                                        1.997E+01
                              0.000E+00
                                              1.116E-01
                                                             0.000E+00
                                                                                           3.902E-03
                                                                                                                                        0.000E+00
0.000E+00
      56
               0.000E+00
                                                                            1.307E-01
                                                                                                          1,275E-03
                                                                                                                         0.000E+00
                                                                                                                                                        1.727E+01
                                              9.899E-02
      57
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.158E-01
                                                                                           3.461E-03
                                                                                                          1.130E-03
                                                                                                                         0.000E+00
                                                                                                                                                        1.458E+01
               0.000E+00
                              0.000E+00
                                              9.084E-02
                                                             0.000E+00
                                                                            1.062E-01
                                                                                           3.177E-03
                                                                                                          1.037E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        1.317E+01
                                              8.352E-02
      59
                              0.000E+00
                                                                                           2.921E-03
3.319E-03
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        1.300E+01
1.451E+01
               0.000E+00
                                                             0.000E+00
                                                                            9.773E-02
                                                                                                          9.535E-04
                                                                                                                         0.000E+00
                              0.000E+00
                                              9.491E-02
                                                             0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
                                                                            1.112E-01
                                                                                                          1.084E-03
      60
                                                                                                                          0.000E+00
               0.000E+00
                              0.000E+00
                                              9.848E-02
                                                             0.000E+00
                                                                            1.154E-01
                                                                                           3.443E-03
                                                                                                          1.125E-03
                                                                                                                                        0.000E+00
                                                                                                                                                        1.426E+01
                                                                            1.256E-01
1.281E-01
                                                                                           3.747E-03
                                              1.072E-01
                                                                                                          1.225E-03
1.249E-03
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        1.664E+01
1.930E+01
      62
               0.000E+00
                              0 000E+00
                                                             0.000E+00
                                                                                                                         0.000E+00
      63
               0.000E+00
                              0.000E+00
                                              1.093E-01
                                                             0.000E+00
                                                                                           3.820E-03
                                                                                                                         0.000E+00
                                                                            1.250E-01
1.154E-01
1.983E-01
               0.000E+00
                              0.000E+00
                                             1.067E-01
9.853E-02
                                                             0.000E+00
                                                                                           3.729E-03
                                                                                                          1.219E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        2.671E+01
               0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                              0.000E+00
                                                                                           3.445E-03
5.913E-03
      65
                                                                                                          1.126E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        3.162E+01
3.756E+01
                              0.000E+00
                                              1.691E-01
                                                                                                          1.933E-03
                                                                                                                         0.000E+00
      66
                                             1.906E-01
2.146E-01
2.524E-01
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        3.931E+01
3.934E+01
3.764E+01
                                                                            2.236E-01
2.519E-01
                                                                                           6.664E-03
7.505E-03
                                                                                                          2.179E-03
2.454E-03
      67
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                             0.000E+00
               0,000E+00
                              0.000E+00
                                                                                                                         0.000E+00
      68
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            2.965E-01
                                                                                           9.907E-03
                                                                                                          2.887E-03
                                                                                                                         0.000E+00
                                                                                           1.161E-02
1.003E-02
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        2.877E+01
2.970E+01
2.738E+01
      70
               0.000E+00
                              0.000E+00
                                             2.868E-01
                                                             0.000E+00
                                                                            3.368E-01
                                                                                                          3.280E-03
                                                                                                                         0.000E+00
                                             1.417E-01
1.315E-01
      71
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.665E-01
                                                                                                          1.669E-03
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.547E-01
                                                                                           7.497E-03
                                                                                                          1.524E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             7.236E-02
7.205E-02
                                                                            8.430E-02
8.464E-02
                                                                                                          8.244E-04
8.248E-04
                                                                                                                                        0.000E+00
0.000E+00
      73
               0.000E+00
                              0.000E+00
                                                             0 000E+00
                                                                                           2.531E-03
                                                                                                                         0.000E+00
                                                                                                                                                        2.532E+01
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           2.626E-03
                                                                                                                                                        2.320E+01
2.243E+01
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.223E-01
                                                             0.000E+00
                                                                            1.391E-01
                                                                                                          1.406E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
      76
77
               0.000E+00
                              0.000E+00
                                              1.155E-01
                                                             0.000E+00
                                                                            1.354E-01
                                                                                           4.060E-03
                                                                                                          1.320E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        1.892E+01
               0.000E+00
                              0.000E+00
                                              1.214E-01
                                                             0.000E+00
                                                                            1.418E-01
                                                                                                                                        0.000E+00
0.000E+00
                                                                                           4.368E-03
6.199E-03
                                                                                                          1,385E-03
                                                                                                                         0.000E+00
                                                                                                                                                        1.484E+01
1.387E+01
                              0.000E+00
                                              1.727E-01
                                                             0.000E+00
                                                                            2.026E-01
                                                                                                          1.976E-03
                                                                                                                         0.000E+00
               0.000E+00
      79
               0.000E+00
                              0.000E+00
                                             1.494E-01
1.177E-01
                                                             0.000E+00
                                                                            1.753E-01
                                                                                           5.446E-03
4.777E-03
                                                                                                          1.710E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        1.345E+01
                                                                                                          1.348E-03
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                         0.000E+00
      80
                                                                            1.381E-01
                                                                                                                                        0.000E+00
                                                                                                                                                        1.337E+01
                                                                                                          1.155E-03
                              0.000E+00
                                              1.012E-01
                                                             0.000E+00
                                                                                           4.460E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                                            1.184E-01
                                                                                                                                                        1.423E+01
                                             1.010E-01
1.245E-01
1.594E-01
                                                                                           3.543E-03
4.532E-03
5.674E-03
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
      82
               0.000E+00
                              0_000E+00
                                                             0_000E+00
                                                                            1.182E-01
1.461E-01
                                                                                                          1.153E-03
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        1.438E+01
                                                             0.000E+00
                                                                                                          1.425E-03
1.824E-03
               0.000E+00
                              0.000E+00
      83
                                                                                                                                                        1.218E+01
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.872E-01
                                                                                                                         0.000E+00
                                                                                                                                                        1.119E+01
                                                                                           6.380E-03
6.224E-03
5.931E-03
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        1.027E+01
9.767E+00
9.105E+00
                                              1.774E-01
                                                                            2.085E-01
2.068E-01
                                                                                                          2.032E-03
2.014E-03
      85
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.760E-01
                                                             0.000E+00
                                                                                                                         0.000E+00
      86
      87
               0.000E+00
                              0.000E+00
                                              1.659E-01
                                                             0.000E+00
                                                                            1.950E-01
                                                                                                          1.900E-03
                                                                                                                         0.000E+00
      88
               0.000E+00
                              0.000E+00
                                              1.381E-01
                                                             0.000E+00
                                                                            1.622E-01
                                                                                           4.875E-03
                                                                                                          1.580E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        8.487E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                              1.278E-01
                                                             0.000E+00
      89
                                                                            1 500E-01
                                                                                           4.539E-03
                                                                                                          1 461E-03
                                                                                                                         0.000E+00
                                                                                                                                                        8.103E+00
                                                                                                                                                        8.069E+00
               0.000E+00
                              0.000E+00
                                             9.209E-02
                                                             0.000E+00
                                                                            1.079E-01
                                                                                                          1.052E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
      90
                                             7 988E-02
                                                                                                          9.147E-04
8.344E-04
      91
               0.000E+00
                              0 000E+00
                                                             0.000E+00
                                                                            9.392E-02
                                                                                           2.847E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        8.065E+00
      92
               0.000E+00
                              0.000E+00
                                             7.287E-02
                                                             0.000E+00
                                                                            8.562E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                           2.619E-03
2.586E-03
                                                                                                                                                        8.033E+00
7.979E+00
                                              7.379E-02
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                           8.673E-02
                                                                                                          8.444E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0 000E+00
                                             5.767E-02
                                                             0.000E+00
                                                                            6.757E-02
                                                                                           2.048E-03
                                                                                                          6.592E-04
                                                                                                                         0.000E+00
                                                                                                                                                        7.635E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                             11/07/95
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                          09:51:16
                                                                                                                                                        Page -
                              0.000E+00
                                                                                                          5.879E-04
8.376E-04
               0.000E+00
                                             5.141E-02
                                                             0.000E+00
                                                                           6.036E-02
                                                                                           1.798E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        7.779E+00
                                                                                          2.560E-03
2.781E-03
               0.000E+00
                              0.000E+00
                                             7.321E-02
                                                             0.000E+00
                                                                            8.602E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        7.437E+00
                                             7.954E-02
8.641E-02
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                           9.341E-02
1.016E-01
                                                                                                          9.095E-04
9.887E-04
      97
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        8.031E+00
      98
                                                                                           3.021E-03
                                                                                                                         0.000E+00
                                                                                                                                                        8.538E+00
                                                                                                                                        0.000E+00
                                             1.139E-01
                                                             0.000E+00
      99
               0.000E+00
                              0.000E+00
                                                                                           3.987E-03
                                                                                                          1.278E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        9.164E+00
                                                                           1.347E-01
1.157E-01
     100
               0.000E+00
                              0.000E+00
                                             1.184E-01
                                                            0.000E+00
                                                                                           4.145E-03
                                                                                                          1.331E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        9.165E+00
                                             1.021E-01
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           3.573E-03
                                                                                                                         0.000E+00
     101
                                                                                                          1.145E-03
7.042E-04
                                                                                                                                        0.000E+00
                                                                                                                                                        8.635E+00
                                                                           7.229E-02
7.081E-02
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              6.157E-02
                                                                                           2.153E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        8.141E+00
                                             6.042E-02
6.927E-02
                                                                                                          6.907E-04
7.914E-04
                                                                                                                                                        8.149E+00
8.384E+00
     103
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                           2.145E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                                            8.127E-02
                              0.000E+00
                                                             0.000E+00
                                                                                           2,427E-03
                                                                                                                         0.000E+00
     104
                                                                                                                                        0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            7.440E-02
                                                                                           2.265E-03
                                                                                                          7.247E-04
                                                                                                                                        0.000E+00
     105
               0.000E+00
                                             6.335E-02
                                                                                                                         0.000E+00
                                                                                                                                                        8.167E+00
    106
107
               0.000E+00
                              0.000E+00
                                             7.434E-02
8.016E-02
                                                            0.000E+00
                                                                           8.737E-02
9.424E-02
                                                                                           2.600E-03
2.864E-03
                                                                                                          8.506E-04
9.179E-04
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       8.067E+00
8.274E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             1.823E-01
                                                             0.000E+00
                                                                            2.125E-01
                                                                                           6.376E-03
                                                                                                          2.076E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        8.719E+00
     108
              0.000E+00
0.000E+00
                                             1.208E-01
7.290E-02
                                                                           1.397E-01
8.531E-02
                                                                                           4.229E-03
2.566E-03
                                                                                                          1.369E-03
8.324E-04
                                                                                                                         0.000E+00
0.000E+00
    109
                              0.000E+00
                                                            0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        8.682E+00
                              0.000E+00
                                                             0.000E+00
     110
                                                                                                                                        0.000E+00
                                                                                                                                                        8.655E+00
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              1.017E-01
                                                                            1.165E-01
                                                                                           3.559E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        9.002E+00
                                                                                                          1.147E-03
                                             1.253E-01
1.920E-01
    112
              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.449E-01
                                                                                           4.383E-03
                                                                                                          1.420E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        9.640E+00
              0.000E+00
                              0 000E±00
                                                             0 000E+00
                                                                           2.234E-01
2.759E-01
                                                                                                                                                       9.545E+00
1.012E+01
    113
                                                                                           6.715E-03
                                                                                                          2.184E-03
                                                                                                                         0.000E+00
                                                                                                                                        0,000E+00
                                                                                           8.268E-03
                                                                                                          2.694E-03
               0.000E+00
                              0.000E+00
                                             2.364E-01
                                                             0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              0.000E+00
0.000E+00
    115
                              0.000E+00
                                             1.956E-01
                                                             0.000E+00
                                                                           2.271E-01
                                                                                           6.842E-03
                                                                                                          2.22E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        1.089E+01
                                                                           1.957E-01
    116
                              0.000E+00
                                             1.666E-01
                                                             0.000E+00
                                                                                           5.931E-03
                                                                                                          1.906E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        1.090E+01
                                                                                                         2.268E-03
2.484E-03
2.407E-03
2.037E-03
               0.000E+00
                              0.000E+00
                                             1.980E-01
                                                             0.000E+00
                                                                           2.327E-01
2.544E-01
2.472E-01
                                                                                           7.139E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        1.142E+01
1.154E+01
    118
              0.000E+00
                              0.000E+00
                                             2.181E-01
                                                             0.000E+00
                                                                                           7.650E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              0.000E+00
                              0.000E+00
                                             2.103E-01
                                                             0.000E+00
                                                                                                                                                       1.249E+01
1.411E+01
    119
                                                                                           7.467E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                             1.781E-01
                                                                           2.090E-01
                                                                                           6.330E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
```

6.700E-03

2.095E-03

0.000E+00

0.000E+00

1.394E+01

2.147E-01

0.000E+00

0.000E+00

1 830E-01

122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146	0.000E+00 0.000E+00	0.000E+00 0.000E+00	1.968E-01 2.203E-01 1.897E-01 2.243E-01 2.597E-01 2.594E-01 2.363E-01 1.901E-01 1.980E-01 2.928E-01 3.530E-01 3.696E-01 2.612E-01 1.430E-01 1.366E-01 2.168E-01 1.154E-01 1.531E-01 1.531E-01 1.54E-01 1.304E-01 9.766E-02 8.660E-02	0.000E+00 0.000E+00	2.313E-01 2.590E-01 2.231E-01 2.637E-01 2.982E-01 3.056E-01 2.751E-01 2.775E-01 2.188E-01 3.389E-01 4.320E-01 3.014E-01 1.907E-01 1.624E-01 1.907E-01 1.863E-01 2.496E-01 1.749E-01 1.749E-01 1.749E-01 1.749E-01 1.142E-01 1.142E-01	7.029E-03 7.999E-03 6.887E-03 7.980E-03 1.005E-02 1.047E-02 8.896E-03 6.653E-03 6.653E-03 1.024E-02 1.234E-02 1.293E-02 9.139E-03 5.007E-03 4.781E-03 7.584E-03 5.611E-03 7.570E-03 4.763E-03 4.763E-03 3.418E-03 3.418E-03	2.253E-03 2.524E-03 2.174E-03 2.568E-03 2.930E-03 2.936E-03 2.689E-03 2.151E-03 2.239E-03 4.216E-03 4.216E-03 4.216E-03 4.216E-03 1.537E-03 1.607E-03 1.537E-03 1.537E-03 1.5453E-03 2.453E-03 2.453E-03 2.450E-03 1.727E-03 1.727E-03 1.114E-03 9.892E-04	0.000E+00 0.000E+00	0.000E+00 0.000E+00	1.291E+01 1.348E+01 1.430E+01 1.472E+01 1.491E+01 1.339E+01 1.023E+01 1.001E+01 1.051E+01 1.051E+01 1.160E+01 1.152E+01 1.164E+01 9.976E+00 9.831E+00 9.340E+00 9.340E+00 9.345E+00 8.11E+00 8.11E+00 7.675E+00 7.351E+00 7.329E+00 7.294E+00
	g:\ace\GQ9		[(Output File:	g:\ace\GQ91	GQTPACE.OUT	SULLUI OF A	11/07/95	09:51:16	Page - 78
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 173 174 177 178 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198	0.000E+00	0.000E+00	1.014E-01 7.313E-02 7.003E-02 8.926E-02 9.105E-02 9.105E-02 8.915E-02 8.915E-02 8.915E-02 9.012E-02 1.75E-01 9.04E-02 9.384E-02 9.540E-02 1.026E-01 1.049E-01 1.049E-01 1.049E-01 1.040E-01 1.040E-01 1.140E-01 1.153E-01 1.538E-01	0.000E+00	1.191E-01 8.593E-02 8.23ZE-02 1.009E-01 1.052E-01 1.052E-01 1.052E-01 1.046E-01 1.050E-01 1.247E-01 1.247E-01 1.247E-01 1.247E-01 1.247E-01 1.247E-01 1.250E-01 1.260E-01 1.350E-01 1.350E-01 1.791E-01 1.350E-01 1.791E-01	3.547E-03 2.557E-03 2.448E-03 3.131E-03 3.151E-03 3.151E-03 3.117E-03 3.078E-03 3.248E-03 3.248E-03 3.248E-03 3.248E-03 3.256E-03 3.256E-03 3.740E-03 2.748E-03 2.748E-03 3.740E-03 2.748E-03 3.740E-03 3.740E-03 3.740E-03 3.740E-03 3.740E-03 3.740E-03 3.748E-03 3.740E-03	1.160E-03 8.367E-04 8.014E-04 9.845E-04 1.025E-03 1.041E-03 1.030E-03 1.019E-03 1.061E-03 1.024E-03 1.072E-03 1.072E-03 1.072E-03 1.055E-03 1.160E-03 1.241E-03 1.219E-03 8.860E-04 8.711E-04 9.518E-04 8.711E-04 9.518E-04 8.711E-04 9.518E-04 8.711E-04 9.518E-03 1.160E-03	0.000E+00	0.000E+00	7.381E+00 7.431E+00 7.277E+00 6.978E+00 6.978E+00 6.802E+00 6.802E+00 6.400E+00 6.185E+00 6.185E+00 6.185E+00 6.185E+00 6.185E+00 6.185E+00 6.185E+00 6.185E+00 7.486E+00 7.486E+00 7.486E+00 7.486E+00 7.486E+00 7.774E+00 7.487E+00 7.487E+00 7.486E+01 1.175E+01 1.269E+01 1.376E+01
	EN MINING - S g:\ace\GQ91		PROJECT - ALI	RECEPTORS, Output File:	1991 MET, TS g:\ace\GQ91	SP * GQTPACE.OUT	OUTPUT OF A	MI/SBCAPCD AC 11/07/95	E2588 MODEL 09:51:16	VERS. 93288 * Page - 79
199 200 201 202 203 204 205 206 207 208 209 210	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.161E-01 1.164E-01 1.127E-01 1.073E-01 1.087E-01 1.805E-01 1.333E-01 1.234E-01 1.208E-01 1.217E-01 1.355E-01	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.318E-01 1.322E-01 1.281E-01 1.217E-01 1.239E-01 2.074E-01 1.521E-01 1.376E-01 1.349E-01 1.381E-01 1.544E-01	4.063E-03 4.075E-03 3.947E-03 3.758E-03 3.803E-03 4.666E-03 4.321E-03 4.225E-03 4.227E-03 4.262E-03 4.743E-03	1.304E-03 1.308E-03 1.267E-03 1.204E-03 1.223E-03 2.040E-03 1.501E-03 1.374E-03 1.354E-03 1.367E-03 1.367E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.191E+00 9.181E+00 9.185E+00 9.358E+00 9.390E+00 8.843E+00 9.011E+00 8.976E+00 9.248E+00 9.414E+00 9.501E+00 9.536E+00

```
0.000E+00
                               0.000E+00
                                               1.777E-01
                                                               0.000E+00
                                                                               2.043E-01
                                                                                              6.216E-03
                                                                                                              2.009E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     211
                                                                                                                                                              9.352E+00
                                                                               1.376E-01
1.274E-01
                                               1.211E-01
1.119E-01
                                                                                              4.239E-03
3.917E-03
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                               1.361E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.668E+00
     213
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                               1.258E-03
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.683E+00
                               0.000E+00
                                                                               1.383E-01
                                                                                                               1.357E-03
                0.000E+00
                                               1.199E-01
                                                               0.000E+00
                                                                                               4.195E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9 555E+00
     215
                                               1.678E-01
                                                                               1.923E-01
1.536E-01
                                                                                              5.872E-03
4.719E-03
                0 000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                               1.893E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                                                                              9.517E+00
9.592E+00
                                               1.348E-01
                                                                                                               1,517E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                               4.644E-03
                0.000E+00
                               0.000E+00
                                               1.326E-01
                                                               0.000E+00
                                                                               1.478E-01
                                                                                                               1.476E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     218
                0.000E+00
                               0.000E+00
                                               1.327E-01
                                                               0.000E+00
                                                                               1.500E-01
                                                                                               4.644E-03
                                                                                                               1.487E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.439E+00
                0 000E+00
                               0 000E+00
                                                               0.000E+00
                                                                               1.553E-01
1.757E-01
                                                                                              4.755E-03
5.229E-03
                                                                                                              1.525E-03
1.711E-03
                                                                                                                                                              9.805E+00
9.888E+00
     219
                                               1.358E-01
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
     220
                0.000E+00
                                               1.496E-01
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                                                               2.630E-01
2.551E-01
                                                                                              7.969E-03
7.736E-03
                                                                                                              2.582E-03
2.505E-03
     221
                0.000E+00
                               0.000E+00
                                               2.278E-01
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9.877E+00
                                               2.211E-01
                               0.000E+00
                0.000E+00
     222
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              9 940E+00
                                               1.310E-01
                                                               0.000E+00
                                                                               1.494E-01
                                                                                               4.586E-03
     223
                0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.006E+01
                                               1.234E-01
1.636E-01
                                                                               1.423E-01
1.899E-01
                                                                                              4.318E-03
5.724E-03
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                               1.396E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.009E+01
     224
                               0.000E+00
                                                               0.000E+00
                0.000E+00
                                                                                                              1.859E-03
                                                                                                                                                              1.003E+01
1.045E+01
     225
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     226
                0.000E+00
                               0.000E+00
                                               1.491E-01
                                                               0.000E+00
                                                                               1.725E-01
                                                                                               5.214E-03
                                                                                                               1.690E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                              5.230E-03
7.808E-03
                0.000E+00
                               0.000E+00
0.000E+00
                                               1.495E-01
2.232E-01
                                                               0.000E+00
0.000E+00
                                                                               1.731E-01
2.600E-01
                                                                                                               1.696E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.049E+01
                0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.045E+01
1.070E+01
     228
                                                                                                              2.541E-03
                                                                                                                                              0.000E+00
                                                                                              5.605E-03
6.374E-03
7.716E-03
     229
                0.000E+00
                               0.000E+00
                                               1.602E-01
                                                               0.000E+00
                                                                               1.855E-01
                                                                                                               1.817E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                              2.115E-01
2.570E-01
                                               1.822E-01
2.206E-01
     230
                0.000E+00
                               0.000E+00
                                                               0 000E+00
                                                                                                              2.069E-03
                                                                                                                              0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.088E+01
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                              2.511E-03
                                                                                                                              0.000E+00
                                                                                                                                                              1.089E+01
1.130E+01
     231
                                                                                                                                              0.000E+00
                                               2.249E-01
                               0.000E+00
                                                               0.000E+00
                                                                               2.618E-01
                                                                                               7.867E-03
                                                                                                               2.559E-03
     232
                0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                               0.000E+00
0.000E+00
                                               1.766E-01
2.148E-01
                                                                              2.046E-01
2.498E-01
2.791E-01
                                                                                              6.178E-03
7.512E-03
                                                                                                              2.004E-03
2.442E-03
                                                                                                                              0.000E+00
0.000E+00
     233
                0.000E+00
                                                               0.000E+00
                                                                                                                                              0.000E+00
                                                               0.000E+00
                0.000E+00
     234
                                                                                                                                              0.000E+00
                                                                                                                                                              1.132E+01
1.187E+01
                0.000E+00
                               0.000E+00
                                               2.399E-01
                                                               0.000E+00
                                                                                              8.390E-03
                                                                                                               2.729E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                              7.671E-03
7.487E-03
7.665E-03
7.167E-03
7.441E-03
7.930E-03
                                                                              2.549E-01
2.489E-01
2.546E-01
     236
                0.000E+00
                               0.000E+00
0.000E+00
                                               2.193E-01
2.141E-01
                                                               0.000E+00
                                                                                                              2.493E-03
2.434E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.179E+01
     237
                0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.184E+01
     238
                0.000E+00
                               0.000E+00
                                               2.191E-01
                                                               0.000E+00
                                                                                                               2.490E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.229E+01
                               0.000E+00
                                                                              2.372E-01
2.459E-01
2.609E-01
                                               2.049E-01
                                                                                                              2.323E-03
2.409E-03
                                                                                                                                              0.000E+00
0.000E+00
     239
                0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1.232E+01
                               0.000E+00
                                               2.127E-01
                                                               0.000E+00
     240
                0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              1 306E+01
                0.000E+00
                               0.000E+00
0.000E+00
                                               2.222E-01
2.288E-01
                                                               0.000E+00
                                                                                                               2.542E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.303E+01
                0.000E+00
                                                               0.000E+00
                                                                              2.686E-01
2.669E-01
                                                                                              8.012E-03
                                                                                                              2.616E-03
     242
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.379E+01
                               0.000E+00
                                               2.273E-01
     243
                0.000E+00
                                                               0.000E+00
                                                                                              7.991E-03
                                                                                                              2.600E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.371E+01
                                               2.352E-01
2.121E-01
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               2.762E-01
                                                                                               8.289E-03
                                                                                                              2.690E-03
                                                                                                                                                              1.457E+01
                                                                                              7.764E-03
1.960E-03
                                                                                                              2.431E-03
6.253E-04
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              1.445E+01
4.568E+00
     245
                0 000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               2.494E-01
                                                                                                                              0.000E+00
     246
                                               5.470E-02
                                                               0.000E+00
                                                                               6.406E-02
                0.000E+00
                               0.000E+00
                                                                                                                              0.000E+00
                                               6.542E-02
6.721E-02
5.651E-02
                                                                                              2.327E-03
2.373E-03
1.984E-03
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               7.655E-02
                                                                                                               7.473E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.560E+00
                               0.000E+00
0.000E+00
                                                                               7.860E-02
6.608E-02
                                                                                                              7.674E-04
6.450E-04
                0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              4.485E+00
4.453E+00
     248
                0.000E+00
     250
                0.000E+00
                               0.000E+00
                                               5.230E-02
                                                               0.000E+00
                                                                               6.112E-02
                                                                                                               5.974E-04
                                                                                                                              0.000E+00
                                                                                                                                                              4.385E+00
                                                                                              1.898E-03
                                                                                                                                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                  11/07/95
                                                                                                                                                               Page
                                                                                                                                                09:51:16
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              8.071E-04
     252
253
                               0.000E+00
0.000E+00
                                               6.923E-02
6.514E-02
7.394E-02
                                                               0.000E+00
0.000E+00
                                                                              8.098E-02
7.629E-02
8.656E-02
                                                                                              2.449E-03
2.281E-03
2.619E-03
                                                                                                              7.905E-04
7.441E-04
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              4.280E+00
               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              4.249E+00
                0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
     255
256
                                               6.855E-02
7.260E-02
                                                                                              2.400E-03
2.556E-03
2.043E-03
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                              8.035E-02
8.510E-02
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                              7.834E-04
                                                                                                                              0.000E+00
                                                                                                                                                              4.210E+00
                                                               0.000E+00
               0.000E+00
                               0.000E+00
                                                                                                              8.298E-04
                                                                                                                              0.000E+00
                                                                                                                                                              4.204E+00
                                               5.834E-02
7.028E-02
     257
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               6.842E-02
                                                                                                                              0.000E+00
                                                                                                                                                              4.205E+00
     258
                                                                                              2.469E-03
1.519E-03
               0 000E+00
                               0 000E+00
                                                               0 000E+00
                                                                               8.228E-02
                                                                                                              8.027E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.221E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                              4.958E-04
3.481E-04
     259
               0.000E+00
                               0.000E+00
                                               4.342E-02
                                                               0.000E+00
                                                                               5.082E-02
                                                                                                                              0.000E+00
                                                                                                                                                              4.235E+00
4.270E+00
               0.000E+00
                               0.000E+00
                                               3.045E-02
                                                               0.000E+00
                                                                               3.572E-02
                                                                                              1.067E-03
                                                                                                                              0.000E+00
     261
               0.000E+00
                               0.000E+00
                                               1.523E-02
2.635E-02
                                                               0.000E+00
                                                                              1.784E-02
3.081E-02
                                                                                              5.471E-04
9.425E-04
                                                                                                              1.741E-04
3.009E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              4.312E+00
4.356E+00
     262
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                               3.398E-02
                                                               0.000E+00
                                                                               3.985E-02
                                                                                              1.213E-03
                                                                                                              3.886E-04
                                                                                                                              0.000E+00
                                                                                                                                                              4.410E+00
     264
               0.000E+00
                               0.000E+00
                                               3.143E-02
                                                               0.000E+00
                                                                              3.677E-02
                                                                                              1.122E-03
                                                                                                              3.590E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.340E+00
               0.000E+00
                               0.000E+00
                                               4.120E-02
4.549E-02
                                                               0.000E+00
                                                                              4.834E-02
5.332E-02
                                                                                                              4.714E-04
5.201E-04
                                                                                              1.474E-03
1.618E-03
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                              4.517E+00
4.526E+00
     265
                                                                                                                              0.000E+00
                               0.000E+00
                                                               0.000E+00
     266
               0.000E+00
                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                               4.579E-02
                                                               0.000E+00
                                                                               5.372E-02
                                                                                                               5.238E-04
                                                                                                                                              0.000E+00
                                                                                                                                                              4.585E+00
                                                                                              1.628E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              4.628E+00
4.574E+00
4.527E+00
                               0.000E+00
0.000E+00
                                               4.678E-02
4.973E-02
                                                                              5.484E-02
5.838E-02
                                                                                              1.667E-03
1.774E-03
                                                                                                              5.349E-04
5.690E-04
     268
               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
     269
     270
               0.000E+00
                               0.000E+00
                                               4.802E-02
                                                               0.000E+00
                                                                              5.620E-02
7.022E-02
                                                                                              1.704E-03
                                                                                                               5.485E-04
                                                                                                                              0.000E+00
               0.000E+00
                                               5.988E-02
5.823E-02
                                                                                              2.132E-03
2.075E-03
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              4.635E+00
4.491E+00
     271
                               0.000E+00
                                                               0.000E+00
                                                                                                              6.848E-04
                               0.000E+00
                                                               0.000E+00
                                                                               6.833E-02
                                                                                                              6.661E-04
                                               5.919E-02
7.776E-02
                                                                                              2.095E-03
     273
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                               6.922E-02
                                                                                                               6.759E-04
                                                                                                                              0.000E+00
                                                                                                                                                              4.486E+00
               0.000E+00
     274
                               0.000E+00
                                                               0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                               9.111E-02
                                                                                              2.761E-03
                                                                                                              8.888E-04
                                                                                                                                                              4.511E+00
4.776E+00
                                                                                                                              0.000E+00
                                                                              5.327E-02
7.029E-02
                               0.000E+00
                                               4.544E-02
     275
                                                               0.000E+00
                                                                                              1.636E-03
                                                                                                              5.198E-04
                                                                                                                              0.000E+00
                               0.000E+00
0.000E+00
                                                                                                              6.861E-04
     276
               0.000E+00
                                               6.003E-02
                                                               0.000E+00
                                                                                              2.149E-03
                                                                                                                              0.000E+00
                                                                                                                                                              4.733E+00
               0.000E+00
                                               6.958E-02
6.755E-02
                                                                                              2.468E-03
2.377E-03
                                                                                                                                                              4.592E+00
4.599E+00
     277
                                                                              8.139E-02
7.898E-02
                                                                                                              7.946E-04
7.711E-04
                                                                                                                                             0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                                                              0.000E+00
     278
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                              5.879E-04
7.382E-04
               0.000E+00
                               0.000E+00
                                               5.150E-02
                                                               0.000E+00
                                                                               6.023E-02
                                                                                              1.805E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.519E+00
               0.000E+00
                               0.000E+00
0.000E+00
                                                                                              2.308E-03
2.626E-03
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
     280
                                               6.466E-02
7.490E-02
                                                              0.000E+00
0.000E+00
                                                                              7.557E-02
8.767E-02
                                                                                                                              0.000E+00
                                                                                                                                                              4.467E+00
               0.000E+00
     281
                                                                                                              8.553E-04
                                                                                                                              0.000E+00
                                                                                                                                                              4.410E+00
4.375E+00
     282
               0.000E+00
                               0.000E+00
                                               7.252E-02
                                                               0.000E+00
                                                                              8.494E-02
                                                                                              2.542E-03
                                                                                                              8.284E-04
                                                                                                                              0.000E+00
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                                              8.407E-02
8.774E-02
                                                                                              2.555E-03
2.621E-03
     283
                                               7.185E-02
                                                              0.000E+00
                                                                                                              8.207E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.365E+00
     284
                                                              0.000E+00
                                               7.485E-02
                                                                                                              8.554E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.347E+00
                                               7.436E-02
                                                                              8.717E-02
7.200E-02
                               0.000E+00
                                                               0.000E+00
                                                                                              2.618E-03
                                                                                                              8.499E-04
                                                                                                                                              0.000E+00
     285
               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                                              4.333E+00
     286
               0.000E+00
                               0 000E+00
                                               6.138E-02
                                                              0.000E+00
                                                                                              2.149E-03
                                                                                                              7.017E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.336E+00
                                                              0.000E+00
     287
               0.000E+00
                               0 -000E+00
                                                                              8.377E-02
5.093E-02
                                                                                              2.511E-03
1.531E-03
                                                                                                              8.171E-04
4.964E-04
                                                                                                                                                              4.340E+00
4.382E+00
                                               7.155E-02
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                               4.341E-02
                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                              9.519E-04
7.170E-04
1.137E-03
     289
               0.000E+00
                               0.000E+00
0.000E+00
                                               2.720E-02
                                                              0.000E+00
                                                                              3.190E-02
                                                                                                              3.109E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.395E+00
     290
               0.000E+00
                                               2.016E-02
                                                              0.000E+00
                                                                              2.351E-02
                                                                                                              2.299E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.444E+00
4.507E+00
                                              3.175E-02
3.526E-02
                                                                              3.719E-02
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                              3.629E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     292
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                               4.138E-02
                                                                                              1.251E-03
                                                                                                              4.033E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.570E+00
                                                                              4.651E-02
5.317E-02
5.757E-02
     293
               0.000E+00
                               0.000E+00
                                               3.967E-02
                                                              0.000E+00
                                                                                                                                                              4.636E+00
4.702E+00
                                                                                              1.421E-03
                                                                                                              4.537E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
     294
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                              5.187E-04
                                                                                                                                              0.000E+00
                                               4.538E-02
                                                                                              1.615E-03
                                                                                                                              0.000E+00
                                                                                                              5.613E-04
     295
               0.000E+00
                               0.000E+00
                                               4.907E-02
                                                              0.000E+00
                                                                                              1,745E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.759E+00
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                               5.490E-02
     296
                                               4.683E-02
                                                                                              1.669E-03
                                                                                                              5.354E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.793E+00
     297
               0.000E+00
                                               5.219E-02
                                                                                                               5.972E-04
                                                                                                                                                              4.704E+00
                               0.000E+00
                                                               0.000E+00
                                                                               6.126E-02
                                                                                              1.862E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                              5.859E-04
     298
               0 000E+00
                               0.000E+00
                                               5.129E-02
                                                              0.000E+00
                                                                               6.004E-02
                                                                                              1.818E-03
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.808E+00
     299
                                                                              7.530E-02
7.144E-02
               0.000E+00
                               0.000E+00
                                               6.420E-02
                                                              0.000E+00
                                                                                              2.284E-03
                                                                                                              7.342E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.860E+00
     300
               0.000E+00
                               0.000E+00
                                               6.087E-02
                                                               0.000E+00
                                                                                              2.168E-03
                                                                                                              6.964E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.714E+00
                                                                              7.984E-02
1.004E-01
    301
               0.000E+00
                               0.000E+00
                                               6.821E-02
                                                              0.000E+00
                                                                                              2.416E-03
                                                                                                              7.791E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                               8.565E-02
                                                                                              3.044E-03
                                                                                                              9.793E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              4.780E+00
```

GOLDEN QUEE Input File:	N MINING - S g:\ace\GQ91	SOLEDAD MTN I	PROJECT - ALI	RECEPTORS, Output File:	1991 MET, TS g:\ace\GQ91\	SP * GQTPACE.OUT	OUTPUT OF	AMI/SBCAPCD AC 11/07/95		VERS. 93288 * Page - 81
303 304 305 306 307 308 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 327 328 329 330 331 332 332 332 332 332 332 332 332 332	0.000E+00	0.000E+00	8.805E-02 4.058E-02 5.0765E-02 6.555E-02 7.321E-02 6.5515E-02 7.641E-02 7.577E-02 6.798E-02 7.569E-02 7.569E-02 7.282E-02 4.391E-02 2.312E-02 4.391E-02 2.312E-02 4.391E-02 2.312E-02 4.391E-02 2.312E-02 4.391E-02 2.312E-02 2.680E-02 3.620E-02 3.620E-02 3.620E-02 3.620E-02 3.620E-02 3.620E-02 5.178E-02 4.433E-02 6.853E-02 6.853E-02 6.853E-02 7.749E-02 7.391E-02 7.39	0.000E+00	1.033E-01 4.732E-02 5.952E-02 7.673E-02 8.561E-02 7.714E-02 6.441E-02 8.871E-02 7.9354E-02 8.872E-02 7.576E-02 8.525E-02 5.153E-02 2.710E-02 4.245E-02 4.245E-02 4.245E-02 4.245E-02 4.245E-02 4.245E-02 4.245E-02 4.245E-02 6.400E-02 6.403E-02 8.041E-02 7.417E-02 9.170E-02 1.093E-01 1.051E-01 1.051E-01 1.051E-01 2.205E-02 8.335E-02	3.136E-03 1.421E-03 1.827E-03 2.341E-03 2.341E-03 2.341E-03 2.341E-03 2.341E-03 2.341E-03 2.433E-03 2.668E-03 2.668E-03 2.668E-03 2.665E-03 1.543E-03 2.553E-03 1.543E-03 2.775E-04 1.293E-03 1.294E-03 1.294E-03 1.294E-03 1.294E-03 1.294E-03 1.294E-03 1.294E-03 2.475E-03 3.194E-03 2.475E-03 3.194E-03 2.475E-03 2.475E-03 2.535E-03	1.0625E-04 4.625E-04 5.8890E-04 7.3590E-04 8.7550E-04	0.00E+00 0.00E+00 0.000E+00	0.000E+00	4.714E+00 4.864E+00 4.921E+00 4.781E+00 4.781E+00 4.781E+00 4.781E+00 4.646E+00 4.584E+00 4.584E+00 4.459E+00 4.459E+00 4.497E+00 4.497E+00 4.518E+00 4.518E+00 4.518E+00 4.518E+00 4.518E+00 4.518E+00 4.518E+00 4.518E+00 4.518E+00 4.679E+00 4.679E+00 4.908E+00 4.908E+00 4.918E+00 4.981E+00 5.081E+00 4.981E+00
GOLDEN OUEE	N MINING - S		PROJECT - ALI	RECEPTORS.	1991 MET, TS g:\ace\GQ91\	SP #		AMI/SBCAPCD AC 11/07/95		
355 357 358 359 360 361 362 363 364 366 367 371 372 373 374 375 376 377 378 379 381 382 383 384 385 387 388 389 390 391 392	0.000E+00	0.000E+00	7.324E-02 6.540E-02 8.918E-02 9.946E-02 9.546E-02 9.508E-02 5.896E-02 6.003E-02 4.516E-02 6.7709E-02 7.709E-02 7.673E-02 8.365E-02 7.42E-02 7.36E-02 8.365E-02 7.36E-02 8.365E-02 7.36E-02 8.373E-02 8.36E-02 7.36E-02 8.36E-02 7.36E-02 8.36E-02 8.36E-02 9.977E-02 9.977E-02 9.977E-02 9.977E-02 9.977E-02	0.000E+00	8.594E-02 7.677E-02 1.046E-01 1.036E-01 1.003E-01 1.115E-01 6.900E-02 7.011E-02 9.016E-02 8.972E-02 8.972E-02 9.841E-02 9.884E-02 9.882E-02 8.999E-02 8.353E-02 9.302E-02 8.513E-02 4.760E-02 6.6656E-02 6.656E-02 6.656E-02 6.831E-02 7.439E-02 9.246E-02 1.179E-01 1.216E-01 1.216E-01 1.171E-01 1.006E-01 5.472E-02 7.017E-02	2.603E-03 2.327E-03 3.164E-03 3.1542E-03 3.150E-03 3.03E-03 2.080E-03 2.102E-03 2.692E-03 2.730E-03 2.730E-03 2.775E-03 2.775E-03 2.775E-03 2.775E-03 1.509E-03 2.775E-03 1.509E-03 2.775E-03 2.775E-03 1.509E-03 2.775E-03 1.509E-03 2.779E-03 2.779E-03 1.509E-03 2.779E-03 1.509E-03 2.779E-03 1.509E-03 2.779E-03 1.509E-03 2.779E-03 1.509E-03 2.779E-03 2.114E-03 3.553E-03 3.553E-03 3.553E-03 3.553E-03 3.553E-03 3.553E-03	8.377E-04 7.483E-03 1.138E-03 1.138E-03 1.138E-03 1.138E-03 1.010E-03 9.779E-04 6.847E-04 5.1613E-04 8.802E-04 8.802E-04 9.447E-04 9.558E-04 9.558E-04 8.775E-04 8.775E-04 8.775E-04 8.775E-04 9.121E-04 4.643E-04 6.658E-04 7.257E-04 9.140E-04 4.643E-04 6.658E-04 7.257E-04 9.140E-04 1.140E-03 1.141E-04 1.149E-03 1.141E-03 1.141E-03 1.141E-03 1.141E-03 1.141E-03 1.141E-03 1.141E-04 1.141E-03 1.141E-03 1.141E-03 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-03 1.141E-04 1.141E-04 1.141E-04 1.141E-03 1.141E-04	0.000E+00	0.000E+00 0.000E+00	5.340E+00 5.202E+00 5.308E+00 5.177E+00 5.272E+00 5.220E+00 5.548E+00 5.548E+00 5.343E+00 5.343E+00 5.343E+00 5.343E+00 5.073E+00 5.073E+00 4.934E+00 4.934E+00 4.934E+00 4.931E+00 5.046E+00 5.046E+00 5.140E+00 5.140E+00 5.140E+00 5.140E+00 5.140E+00 5.140E+00 5.140E+00 5.596E+00 5.471E+00 5.549E+00 5.491E+00 5.549E+00 5.597E+00 5.491E+00 5.597E+00 5.491E+00 5.597E+00 5.293E+00 5.491E+00 5.597E+00 5.491E+00 5.597E+00 5.491E+00 5.491E+00 5.597E+00 5.293E+00 5.491E+00

```
7.213E-04
5.772E-04
7.871E-04
                                                                                                                                        0.000E+00
                                                                                                                                                       5.679E+00
                              0.000E+00
                                             6.322E-02
5.044E-02
                                                            0 000E+00
                                                                           7.387E-02
5.915E-02
                                                                                          2.213E-03
                                                                                                                         0.000E+00
               0 000E±00
                                                                                          1.831E-03
2,466E-03
               0.000E+00
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5,556E+00
     394
               0.000E+00
                              0.000E+00
                                             6.888E-02
                                                            0.000E \pm 00
                                                                           8.063E-02
                                                                                                                         0.0005+00
                                                                                                                                        0.000E + 00
                                                                                                                                                       5.481E+00
                                                                                           2.920E-03
                                                            0,000E+00
                                                                           9,692E-02
                                                                                                          9.462E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     396
               0 000E±00
                              0 000E+00
                                             8.289E-02
                                                                                          2,606E-03
2,768E-03
2,902E-03
     397
                                             7.445E-02
                                                            0.000E+00
                                                                           8.707E-02
                                                                                                            499E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.305E+00
               0.000E+00
               0.000E+00
                              0,000E+00
0,000E+00
                                             7.871E-02
8.287E-02
                                                                           9.206E-02
9.708E-02
                                                            0 000E+00
                                                                                                          8 986E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.3198+00
                                                                                                          9.467E-04
                                                                                                                                                       5.211E+00
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     399
               0.000E+00
               0.000E+00
                              0.000E+00
                                             8.208E-02
                                                            0.000E+00
                                                                           9.614E-02
                                                                                          2.886E-03
                                                                                                          9.377E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.221E+00
     400
                                             7.795E-02
7.459E-02
                                                            0.000E+00
0.000E+00
                                                                           9.140E-02
8.755E-02
                                                                                          2.726E-03
2.608E-03
                                                                                                                                                       5.188E+00
5.188E+00
               0.000E+00
                              0.000E+00
                                                                                                          8.909E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     401
                              0.000E+00
                                                                                                          8.530E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     402
               0 000E+00
                                             8.150E-02
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           9.546E-02
                                                                                          2.851E-03
                                                                                                          9.309E-04
                                                                                                                         0,000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5,248E+00
     403
                                                            0.000E+00
0.000E+00
                                                                                                                                                       5.287E+00
     404
               0.000E+00
                              0,000E+00
                                             4.095E-02
                                                                           4.808E-02
                                                                                           1.432E-03
                                                                                                          4.683E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.348E+00
                                                                           4.021E-02
5.157E-02
                                                                                                          3.927E-04
5.025E-04
                                                                                                                         0,000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             3 439E-02
                                                                                           1.231E-03
     405
                                                                                                                         0.000E+00
               0.000E+00
     406
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                          09:51:16
                                                                                                                                                        Page -
                                                                                                         5.865E-04
6.984E-04
6.755E-04
7.875E-04
                                                                           6.012E-02
7.166E-02
                                                            0.000E+00
                                                                                           1.828E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0 000E+00
                              0.000E+00
                                             5.130E-02
                                                                                                                                                       5.521E+00
5.627E+00
                                                                                          2.174E-03
2.112E-03
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                             6.103E-02
                                                            0.000E+00
                                                                                                                         0.000E+00
               0,000E+00
     408
                                                                                                                         0.000E+00
                                             5.904E-02
                                                            0.000E+00
                                                                           6.930E-02
               0.000E+00
                              0.000E+00
                                             6.892E-02
                                                            0.000E+00
                                                                           8.074E-02
                                                                                                                                        0.000E+00
                              0.000E+00
                                                                                                                         0.000E+00
     410
               0 000E+00
                                             8.529E-02
8.761E-02
                                                                                          3.028E-03
                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.001E-01
                                                                                                          9.758E-04
                                                                                                                         D. DOOE+00
                                                                                                                                                       5.864E+00
               0.000E+00
                                                            0.000E+00
                                                                                           3.099E-03
                                                                                                                                                       5.822E+00
                                                                           1.027E-01
1.306E-01
                                                                                                          1.001E-03
                                                                                                                         0.000E+00
     412
               0 000E+00
                              0.000E+00
                                                                                                                                        0.000E+00
                              0.000E+00
                                             1.112E-01
                                                            0.000E+00
                                                                                           3.957E-03
                                                                                                          1.272E-03
                                                                                                                         0.000E+00
                                                                                                                                                       5,988E+00
     413
               0.000E+00
               0.000E+00
                              0.000E+00
                                             1.043E-01
                                                            0.000E+00
                                                                           1.225E-01
1.182E-01
                                                                                          3.725E-03
3.571E-03
                                                                                                          1,194E-03
1,152E-03
                                                                                                                         0 000E+00
                                                                                                                                        0.0005+00
                                                                                                                                                       5 995E+00
                                             1,008E-01
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.943E+00
               A AGGE+BB
                              0.000E+00
                                                            0.000E+00
                                                                           1.277E-01
                                                                                           3.871E-03
                                                                                                          1.244E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.848E+00
               0.000E+00
                              0.000E+00
                                             1.088E-01
     416
                                             9.708E-02
7.384E-02
                                                            0.000E+00
0.000E+00
                                                                           1.139E-01
8.666E-02
                                                                                          3.465E-03
2.640E-03
                                                                                                          1.111E-03
8.449E-04
                                                                                                                                        0.000E+00
0.000E+00
               0.000E+0D
                              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                       5.610E+00
                                                                                                                         0.000E+00
                                                                                                                                                       5.560E+00
               0.000E+00
                              0.000E+00
                                                                           9.395E-02
7.742E-02
                                             8.014E-02
                                                            0.000E+00
                                                                                           2.840E-03
                                                                                                          9.161E-04
7.557E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.461E+00
6.081E+00
               0.000E+00
                              0.000E+00
     419
                                                                                          2.319E-03
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                             6.622E-02
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                           7.742E-02
6.449E-02
7.089E-02
7.789E-02
6.539E-02
                                                                                                                                        0.000E+00
                                                                                                                                                       6.182E+00
                              0.000E\pm00
                                             5.531E-02
                                                            0.000E+00
                                                                                           1.934E-03
                                                                                                          6.304E-04
                                                                                                                         0.000E+00
     421
               0.000E+00
                                             6.053E-02
                                                            0.000E+00
                                                                                           2.134E-03
                                                                                                          6.915E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.048E+00
               0.000E+00
                              0.000E+00
     422
                                                                                                                                        0.000E+00
                                             6.665E-02
5.579E-02
                                                            0.000E+00
0.000E+00
                                                                                          2.332E-03
2.027E-03
                                                                                                                                                       5.939E+00
               0.000E+0D
                              0.000E+00
                                                                                                          7.605E-04
                                                                                                                         0.005+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.856E+00
                                                                                                          6.383E-04
                                                                                                                         0.000E+00
     424
               0.000E+00
                              0.000E+00
                                                                                                          8.726E-04
1.001E-03
7.712E-04
               0.000E+00
                              0.000E+00
                                             7.640E-02
                                                            0.000E+00
                                                                           8.938E-02
                                                                                           2.718E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.809E+00
     425
                                             8.774E-02
6.756E-02
                                                            0.000E+00
0.000E+00
                                                                           1.026E-01
7.902E-02
                                                                                          3.077E-03
2.363E-03
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       5.731E+00
               0.000E+00
                              0.000E+00
                                                                                                                         0.00000
                                                                                                                         0.000E+00
                                                                                                                                                       5.683E+00
                              0.D00E+0D
     427
              0.000E+00
                                             8.770E-02
                                                            0.000E+00
                                                                           1.027E-01
                                                                                           3.067E-03
                                                                                                          1.002E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.582E+00
     428
               0.000E+00
                              0.000E+00
                                                                           9.110E-02
1.001E-01
9.410E-02
               0.000E+00
                              0.000E+00
                                             7.785E-02
                                                            0.000E+00
0.000E+00
                                                                                          2.746E-03
2.987E-03
                                                                                                          8.890E-04
9.762E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       5.555E+00
5.506E+00
                                             8.541E-02
                                                                                                                         0.000E+00
                              0.000E+00
     430
               0.000E+00
                                             8.016E-02
                                                            0.000E+00
                                                                                           2.803E-03
                                                                                                          9.167E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.533E+00
     431
               0.000E+00
                              0.000E+00
                                                                           9.807E-02
               0.000E+00
                              0.000E+00
                                             8 372E-02
                                                            0.000E+00
                                                                                          2.928E-03
                                                                                                          9 563E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.544E+00
                                                                           4.306E-02
4.762E-02
5.512E-02
7.461E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.598E+00
                                             3.669E-02
                                                            0.000E+00
                                                                                           1.283E-03
                                                                                                          4.195E-04
                              0::000E+00
     433
               0.000E+00
                                                                                                                                                       5.734E+00
5.774E+00
5.834E+00
                              0.000E+00
                                             4.065E-02
                                                            0.000E+00
                                                                                           1.453E-03
                                                                                                          4.646E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               0.000E+00
                                                                                          1.676E-03
                                                                                                                                        0.000E+00
0.000E+00
                                             4.708E-02
6.355E-02
                                                                                                          5.379E-04
7.272E-04
     435
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                                                         D.000E+00
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                           2.267E-03
     436
                                                                                                          6.758E-04
8.590E-04
                                                                                                                                                       5.897E+00
     437
               0.000E+00
                              0.000E+00
                                             5.907E-02
                                                            0.00DE+00
                                                                           6.932E-02
                                                                                           2.113E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.013E+00
                                                                           8.809E-02
                                                                                                                                        0.000E+00
     438
              0.000E+00
                              0.000E+00
                                             7.516E-02
                                                            0.000E+00
                                                                                           2.654E-03
                                                                                                                         0.000E+00
                              0.000E+00
                                             9.327E-02
                                                            0.000E+00
                                                                           1.095E-01
                                                                                           3.309E-03
                                                                                                          1,067E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
               Q.Q00E+00
     439
                              0.000E+00
0.000E+00
0.000E+00
                                             1.033E-01
1.200E-01
                                                                                          3.659E-03
4.280E-03
               0.000E+00
                                                            0.000E+00
                                                                           1.212E-01
                                                                                                          1.181E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.228E+00
                                                            0.000E+00
                                                                           1.410E-01
1.177E-01
                                                                                                          1.374E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.357E+00
     441
              0.000E+00
                                             1.002E-01
                                                            0.000E+00
                                                                                           3.584E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.362E+00
               0.000E+00
     442
               0.000E+00
                              0.000E+00
0.000E+00
                                             1.166E-01
1.100E-01
8.538E-02
                                                            0.000E+00
0.000E+00
                                                                           1.368E-01
1.292E-01
                                                                                           4.142E-03
                                                                                                          1.334E-03
1.259E-03
                                                                                                                         D.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       6.390E+00
                                                                                                                                                       6.158E+00
                                                                                           3.927E-03
                                                                                                                         0.000E+00
     444
              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           1.002E-01
                                                                                           3.054E-03
                                                                                                          9.770E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.084E+00
              0.000E+00
     445
                                                                                                                                                       6.139E+00
5.977E+00
5.876E+00
               0.000E+00
                              0.000E+00
                                             8.720E-02
                                                            0.000E+00
                                                                           1.023E-01
                                                                                           3.089E-03
                                                                                                          9.970E-04
                                                                                                                         D.D00E+00
                                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                           1.053E-01
9.642E-02
7.345E-02
                                             8.974E-02
8.217E-02
                                                                                                          1.026E-03
9.401E-04
                                                            0.000E+00
0.000E+00
                                                                                                                         0.000E+00
              0.000E+00
                              0.000E+00
                                                                                          3.191E-03
                                                                                           2.931E-03
                                                                                                                         0.000E+00
                              0.000E+00
     448
              0.000E+00
                                             6.265E-02
7.025E-02
6.528E-02
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                       6,776E+00
              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                           2.219E-03
                                                                                                          7,162E-04
     449
                                                                           8.222E-02
7.622E-02
7.094E-02
                                                            0.000E+00
0.000E+00
                                                                                                          8.022E-04
7.445E-04
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       6.557E+00
6.566E+00
                              0.000E+00
                                                                                           2.462E-03
               0.000E+00
                                                                                           2-283E-03
     451
               0.000E+00
                              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                                          6.919E-04
                                                                                                                         D.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.397E+00
              0.000E+00
                                             6.056E-02
                                                                                           2.133E-03
     452
                              0.000E+00
                                                                           8.224E-02
7.189E-02
1.001E-01
                                                                                                          8.028E-04
7.018E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
               0.000E+00
                                             7.034E-02
                                                            0.000E+00
                                                                                           2.460E-03
                                                                                                                                                       6,328E+00
                                             6.136E-02
8.563E-02
                                                            0 000E+00
                                                                                                                         0.000E + 00
                                                                                                                                                       6.279E+00
              0.000E±00
                              0.000E+00
                                                                                           2.225E-03
                                                            0.000E+00
                                                                                           3.022E-03
                                                                                                                                        0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                         0.000E+00
     455
                                             8.930E-02
9.002E-02
                                                            0.000E+00
0.000E+00
                                                                           1.044E-01
1.054E-01
                                                                                          3.124E-03
3.150E-03
                                                                                                                                        0.000E+00
0.000E+00
     456
              0.000E+00
                              0.000E+00
                                                                                                          1.019E-03
                                                                                                                         0 000E+00
                                                                                                                                                       6.063E+00
                                                                                                          1.028E-03
                                                                                                                         0.000E+00
                                                                                                                                                       5.979E+00
     457
              0.0005+00
                              0-000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           9.948E-02
                                                                                           2.968E-03
                                                                                                          9.698E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.954E+00
               D.000E+00
                                             8.487E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                          09:51:16
                                                                                                                                                        Page -
                                                                                           3,109E-03
              0.000E+00
                              0.000E+00
                                             8.892E-02
                                                            0.000E+00
                                                                                                          1.016E-03
                                                                                                                         D.000E+00
                                                                                                                                        0.000E+00
              0,000E+00
                              0.000E+00
                                             8.539E-02
                                                            D. DD0E+00
                                                                           1,002E-01
                                                                                          2.986E-03
                                                                                                          9.765E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.873E+00
     460
                                                                                                                                                       5.911E+00
6.121E+00
              0.000E+00
                              0.000E+00
                                             8.931E-02
                                                            0.000E+00
                                                                           1.046E-01
                                                                                           3.123E-03
                                                                                                          1.020E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.0D0E+00
     461
                                             3.614E-02
                                                                           4.219E-02
                                                                                                          4.123E-04
5.704E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     462
              0 000E+00
                              0 000E+00
                                                            0.000E+00
                                                                                          1.294E-03
                                                                           5.854E-02
7.408E-02
                                             4.986E-02
                                                                                                                                                       6.112E+00
              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                           1.760E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     463
                                                                                                          7.222E-04
7.543E-04
              0.000E+00
                              0.000E+00
                                             6.312E-02
                                                            0.000E+00
                                                                                           2.255E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.228E+00
                                             6.590E-02
B.216E-02
                                                                           7.743E-02
9.631E-02
                                                                                          2.344E-03
2.898E-03
                                                                                                                                        0 000E+00
                                                                                                                                                       6 293E+00
     465
              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                                            0,000E+00
                                                                                                          9,390E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.382E+00
              0.000E+00
     466
     467
              0.000E+00
                              0.000E+00
                                             1.031E-01
                                                            0.000E+00
                                                                           1.210E-01
                                                                                           3.653E-03
                                                                                                          1.179E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.497E+00
              0.000E+00
                              0.000E+00
                                             1.199E-01
                                                            D.000E+00
                                                                           1.408E-01
                                                                                           4.257E-03
                                                                                                          1.372E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.671E+00
     468
                                                            0.000E+00
0.000E+00
                                                                                          4.464E-03
4.290E-03
                                                                                                                                                       6.819E+00
                                                                                                          1.430E-03
                                                                                                                                        0.000E+00
    469
470
                                             1.249E-01
                                                                           1.468E-01
1.421E-01
                                                                                                                         0.000E+00
              0.000E+00
                              0.000E+00
              0.000E+00
                                             1.210E-01
                                                                                                          1.385E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.879E+00
                              0.000E+00
                                             1.241E-01
9.973E-02
                                                            0.000E+00
0.000E+00
                                                                           1.458E-01
1.171E-01
                                                                                          4.426E-03
3.569E-03
              0.000E+00
                              0.000E+00
                                                                                                          1,421E-03
                                                                                                                         0.0005+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.881E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.633E+00
                                                                                                          1.141E-03
              0.000E+00
                              0.000E+00
     472
                                             9.552E-02
                                                            0.000E+00
                                                                           1.121E-01
                                                                                           3.383E-03
                                                                                                          1.092E-03
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.720E+00
              0,000E+00
                              0.000E+00
              0.000E+00
0.000E+00
                                             9.731E-02
8.656E-02
                                                            0.000E+00
0.000E+00
                                                                           1.142E-01
1.016E-01
                                                                                          3.462E-03
3.091E-03
                                                                                                          1.113E-03
9.904E-04
                                                                                                                                                       6.637E+00
6.489E+00
                              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     475
                              0.000E+00
                                             6.893E-02
              0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                           8.090E-02
                                                                                           2.468E-03
                                                                                                          7.888E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.287E+00
                                                                                          1.799E-03
2.541E-03
2.216E-03
    477
              0.000E+00
                              0.000E+00
                                             5.017E-02
7.240E-02
                                                            0.000E+00
                                                                           5.888E-02
                                                                                                          5.742E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       5.961E+00
7.268E+00
                                                            0.000E+00
0.000E+00
    478
                                                                           8.465E-02
7.389E-02
                                                                                                          8.264E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
              0.000E+00
                              0.000E+00
                                                                                                                                                       7.426E+00
7.051E+00
              0.000E+00
                              0.000E+00
                                             6.330E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
    480
              0.000E+00
                              0.000E+00
                                             7 026E-02
                                                            0.000E+00
                                                                           8 235E-02
                                                                                           2 466E-03
                                                                                                          8 029E-04
                                                                                                                         0 000E+00
                                                                                                                                        0.000E+00
                                             7.359E-02
                                                                           8.604E-02
                                                                                           2.574E-03
                                                                                                          8.398E-04
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                       6.988E+00
```

0.000E+00

```
6.830E-04
8.494E-04
7.791E-04
               0.000E+00
0.000E+00
                               0 000E+00
                                               5.976E-02
7.441E-D2
                                                              0,000E+00
                                                                              7.004E-02
                                                                                              2.103E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             6.882E+00
     482
                                                                              8.704E-02
7.979E-02
                                                                                              2.602E-03
2.451E-03
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
     483
                               0.000E+00
                                                              0.000E+00
                                                                                                                                                             6.809E+00
                                                                                                                                                             6.835E+00
     484
                0.000E+00
                               0.000E+00
                                               6.818E-02
                                                              0.000E+00
                                               9.656E-02
                                                                              1.130E-01
                                                                                              3,385E-03
                                                                                                              1.102E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             6.742E+00
                               0.000E+00
                                                              0.000E+00
     485
               0.000E+00
                                                                                              2.938E-03
3.132E-03
                                                                                                             9.592E-04
1.024E-03
               0.000E+00
                                               8.403E-02
                                                              0.000E+00
                                                                              9.829E-02
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             6.510E+00
     486
                                                                              1,051E-01
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             6.448E+00
6.570E+00
     487
                0.000E+00
                               0.000E+00
                                               8 957E-02
                                                              0.000E±00
                                               9.562E-02
                                                                              1.121E-01
                                                                                              3,344E-03
1,513E-03
2,138E-03
                                                                                                              1.092E-03
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                               0.000E+00
                                                              0,000E+00
     488
               0.000E+00
                                                                                                                                             0.000E+00
               0.000E+00
                               0.000E+00
                                               4.227E-02
                                                              0.000E+00
                                                                              4.944E-02
7.025E-02
                                                                                                              4.828E-04
                                                                                                                             0.000E+00
                                                                                                                                                             6.656E+00
     489
                                                                                                              6.840E-04
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             6.804E+00
                                               5 980E-02
                                                              0 000E+00
     490
               0.000E+00
                               0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                               0,000E+00
                                                                              8.526E-02
                                                                                              2.587E-03
                                                                                                              8.306E-04
                                                                                                                                             0.000E+00
                                                                                                                                                             6.847E+00
               D. DOOE+00
                               0.000E+00
                                               7.255E-02
     491
                                                                                                                                             0.000E+00
                                                                                                                                                             6.904E+00
               0.000E+00
                                                                                                              1.027E-03
                                               8.982E-02
                                                              0.000E+00
0.000E+00
                                                                              1.053E-01
1.357E-01
                                                                                              3.165E-03
                               0.000E+00
                                                                                              4.090E-03
                                                                                                              1.322E-03
                                                                                                                              0.000E+00
                                                                                                                                             0,000E+00
                                                                                                                                                             6.986E+00
                                               1.155E-01
                               0.000E+00
     493
               0.000E+00
                                                                                              4.841E-03
4.417E-03
4.908E-03
                                                                                                             1.556E-03
1.412E-03
1.578E-03
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             7.134E+00
7.283E+00
                                               1.360E-01
                                                               0.000E+00
                                                                              1.598E-01
                               0.000E+00
               0.000E+00
     494
                                               1.233E-01
1.379E-01
                                                                              1.449E-01
1.619E-01
                                                              0.000E+00
0.000E+00
     495
                0.000E+00
                               0.000E+00
     496
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7.449E+00
                               0.000E+00
               0.000E+00
                               0.000E+00
                                               1.174E-01
                                                              0.000E+00
                                                                              1.379E-01
1.237E-01
                                                                                              4,204E-03
3,731E-03
                                                                                                              1.344E-03
                                                                                                                             0 000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7.271E+00
                0.000E+00
     497
                                                                                                                                             0,000E+00
                                                                                                              1.206E-03
                                                                                                                             0.000E+00
                               0.000E+00
                                               1.054E-01
1.059E-01
                                                              0.000E+00
0.000E+00
                                                                                                                                                             7.167E+00
                0.000E+00
                                                                              1.243E-01
                                                                                              3.769E-03
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7.245E+00
               0.000E+00
                               0.000E+00
                                                                              1.065E-01
8.023E-02
                                                                                              3.243E-03
2.452E-03
                                                                                                             1.038E-03
7.823E-04
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             7.179E+00
7.014E+00
                0.000E+00
                               0.000E+00
                                               9.070E-02
                                                              0.000E+00
     500
                                                              0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
                                               6.836E-02
     501
                                                                              5.459E-02
                                                                                              1.671E-03
                                                                                                              5.324E-04
                                                                                                                              0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                             6.652E+00
                                               4.652E-02
                               0.000E+00
     502
                0.000E+00
                                                                              3.428E-02
                                                                                              1.049E-03
6.750E-04
2.820E-03
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                               2.921E-02
                                                               0.000E+00
                                                                                                              3,343E-04
                                                                                                                              0.000E+00
                                                                                                                                                             6.453E+00
     503
               0.000E+00
                                                                                                                              0.000E+00
                                               1.924E-02
7.958E-02
                                                              0.000E+00
0.000E+00
                                                                              2.240E-02
                                                                                                              2.192E-04
                                                                                                                                                             6.409E+00
               0.000E+00
                               0.000E+00
                                                                                                              9.097E-04
                                                                                                                              0.000E+00
                                                                                                                                                             8.020E+00
                               0.000E+00
     505
                0.000E+00
                                                                                              2.913E-03
2.801E-03
                                                                                                             9.456E-04
9.126E-04
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.008E+00
7.974E+00
     506
               0.000E+00
                               0.000E+00
                                               8.277E-02
                                                               0.000E+00
                                                                              9.693E-02
                                               7,995E-02
                                                              0.000E+00
0.000E+00
     507
                0.000E+00
                               0.000E+00
                                                                              9.351E-02
                                               6.951E-02
7.780E-02
                                                                              8,113E-02
                                                                                              2.432E-03
                                                                                                              7.927E-04
                                                                                                                              D.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7.609E+00
                               0.000E+00
     508
               0.000E+00
                                                                                                                                                             7.669E+00
               0.000E+00
                               0.000E+00
                                                               D.000E+00
                                                                              9.110E-02
                                                                                              2.721E-03
                                                                                                              8.885E-04
                                                                                                                              0.000E+00
     509
                                                                                              2.507E-03
                                                                                                              8.174E-04
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7.530E+00
                                                                              8.368E-02
               0.000E+00
                               D. 000E+00
                                               7.168E-02
                                                               D.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 85
                                                                                                                                                              Page -
                                               7.904E-02
7.856E-02
1.297E-01
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                             9.025E-04
8.968E-04
1.476E-03
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7,473E+00
                               0.000E+00
                                                                              9.250E-02
                                                                                              2.764E-03
                0.000E+00
                                                                                                                                                            7.284E+00
7.344E+00
7.304E+00
7.305E+00
                                                                              9.183E-02
                                                                                              2.783E-03
                                                                                                                                             0.000E+00
               0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
     512
                                                                              1.508E-01
                                                                                              5.008E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
     513
                                                                              9.986E-02
6.624E-02
8.706E-02
                                                                                              2.984E-03
2.012E-03
                                                                                                                             0.000E+00
0.000E+00
     514
                0.000E+00
                               0.000E+00
                                               8.535E-02
                                                              0.000E+00
                                                                                                              9.740E-04
                                                                                                                                             0.000E+00
                                                                                                             6.462E-04
8.483E-04
                                                              0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                               5.654E-02
7.409E-02
               0.000E+00
                               0.00DE+00
                                                                                                                                             0.000E+00
                                                                                                                                                             7.584E+00
7.595E+00
                               0.000E+00
                                                                                              2.655E-03
                                                                                                                             0.000E+00
                0.000E+00
     516
                0.000E+00
                               0.000E+00
                                               9.715E-02
                                                               0.000E+00
                                                                              1.139E-01
1.552E-01
                                                                                              3.420E-03
4.669E-03
                                                                                                              1.110E-03
                                                                                                                             0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                                                                             7.661E+00
7.671E+00
7.971E+00
                                                                                                                             0.000E+00
                                                                                                                                             0,000E+00
                                                                                                              1,512E-03
               0.000E+00
0.000E+00
                               0.000E+00
                                               1.321E-01
                                                                                                                                             0.000E+00
0.000E+00
                                               1.489E-01
                                                                              1.750E-01
                                                                                              5.323E-03
                                                                                                              1.705E-03
                                                                                                                             0.000E+00
                               0.000E+00
     519
                                                                              1.738E-01
1.628E-01
                                                                                                              1.693E-03
                                               1.479E-01
1.386E-01
                                                                                              5 245E+03
                                                                                                                             0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                              0.000E+00
                                                                                              4.962E-03
                                                                                                              1,587E-03
                                                                                                                                             0.000E+00
                                                                                                                                                             8.174E+00
     521
               D_DDOE+00
                               0.000E+00
                                                               0.000E+00
                                                                              1.376E-01
                                                                                              4.145E-03
                                                                                                              1,340E-03
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             8.009E+00
               0.000E+00
                               0.000E+00
                                               1.172E-01
     522
                                               1.154E-01
9.411E-02
                                                              0.000E+00
0.000E+00
                                                                              1.355E-01
                                                                                                              1.321E-03
                0.000E+00
                               0,000E+00
                                                                                              4.113E-03
                                                                                                                                                             8.112E+00
                                                                              1.105E-01
7.747E-02
                                                                                                             1.077E-03
7.555E-04
                                                                                              3.373E-03
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
     524
525
                               0.000E+00
               0.000E+00
                                                                                                                                                             7.879E+00
                0,000E+00
                               0.000E+00
                                               6.602E-02
                                                               0.000E+00
                                                                                              2.373E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                              4.710E-04
                                                                                                                                                             7.398E+00
                                                                              4.829E-02
2.925E-02
                                                                                                                                             0.000E+00
                                               4.115E-02
2.507E-02
                                                              0.000E+00
0.000E+00
                                                                                              1.481E-03
     526
               0.000E+00
                               0.000E+00
                                                                                              8.788E-04
                                                                                                              2.858E-04
                                                                                                                              0.000E+00
                                                                                                                                             0,000E100
                                                                                                                                                             7.22ZE+00
     527
               0.000E+00
                               0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                              1.107E-03
1.307E-03
                                                                                                                                                             7.188E+00
     528
                0.000E+00
                               0.000E+00
                                               3.155E-02
                                                              0.000E+00
                                                                              3.687E-02
                                                                                                              3,600E-04
                                                                                                                             0.000E+00
                                                                                                              4.245E-04
                                                                                                                              0.000E+00
                                                                                                                                                             6.733E+00
                                                                              4 350E-02
     529
               0.000E+00
                               0.000E+00
                                               3.718E-02
                                                              0.000E+00
                                                                              4.861E-02
7.653E-02
                                                                                                                                                             6.093E+00
                                               4.152E-02
                                                               0.000E+00
                                                                                              1.463E-03
                                                                                                              4.743E-04
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                               0.000E+00
     530
               0.0005+00
                               0.000E+00
                                               6.509E-02
                                                               0.000E+0D
                                                                                              2.338E-03
                                                                                                              7.456E-04
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             7.463E+00
8.793E+00
     531
               0.000E+00
                0.000E+00
                               0.000E+00
                                               7.494E-02
                                                              0.000E+00
                                                                              8.792E-02
9.929E-02
                                                                                              2.681E-03
                                                                                                              8.573E-04
                                                                                                                              0.000E+00
                                                                                                              9.682E-04
                                                              0.000E+00
                                                                                              2.998E-03
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.707E+00
                                               8 468E-02
     533
               0.000E+00
                               0.000E+00
                                               9.050E-02
                                                               0.D00E+00
                                                                              1.060E-01
                                                                                              3.178E-03
                                                                                                              1.034E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.669E+00
               0,000E+00
                               0.000E+00
     534
                                                                                                                                                             8.447E+00
8.568E+00
               0.000E+00
                                                                              1.043E-01
9.043E-02
                                                                                              3.118E-03
2.709E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                               0,000E+00
                                               8.910E-02
                                                               0.000E+00
                                                                                                              1.017E-03
                                               7.746E-02
8.271E-02
                                                              0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                              8.833E-04
     536
               0.000E+00
                               0.000E+00
                                                                                                                                                             8.625E+00
7.920E+00
8.372E+00
                                                               0,000E+0D
                                                                              9.669E-02
                                                                                              2.892E-03
                                                                                                              9.439E-04
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                               0.000E+00
               0.000E+00
     537
                                                                              1.064E-01
7.941E-02
                                                                                              3.176E-03
2.486E-03
                                                                                                             1.037E-03
7.898E-04
     538
                                               9.083E~02
                                                               0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
               0.000E+00
                               0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                               7.098E-02
7.766E-02
                                                              0.000E+00
     539
               0.000E+00
                               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                              9.126E-02
                                                                                              2.717E-03
                                                                                                              8.885E-04
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.566E+00
               0.000E+00
     540
                                                              0.000E+00
0.000E+00
0.000E+00
                0.000E+00
                               0.000E+00
                                               1.412E-01
                                                                              1.659E-01
1.818E-01
                                                                                              5.047E-03
5.558E-03
                                                                                                             1.616E-03
1.771E-03
                                                                                                                             0.00E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.478E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.577E+00
                                                                                                                             0.000E+00
     542
               0.000E+00
                               0 000E+00
                                               1.546E-01
                               0.000E+00
                                               1.618E-01
                                                                              1.901E-01
                                                                                              5.782E-03
                                                                                                              1.852E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.805E+00
                0.000E+00
     543
                                                                                                                                                             8.889E+00
9.184E+00
                                                              0.000E+00
0.000E+00
                                                                              1.539E-01
1.476E-01
                                                                                                                                             0.000E+00
                0.000E+00
                               0.000E+00
                                               1.311E-01
                                                                                              4.631E-03
                                                                                                              1.500E-03
                                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                              4.489E-03
                                                                                                              1.439E-03
                                               1.257E-01
     545
               0.000E+00
                               0.000E+00
                                                                              1.128E-01
7.181E-02
3.978E-02
                                                                                              3.455E-03
                                                                                                              1.100E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.919E+00
               0.000E+00
                               0.000E+00
                                               9.609E-02
                                                               0.000E+D0
     546
                                                              0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             8,980E+00
8,207E+00
               0,000E+00
                               0.000E+00
                                               6.120E-02
                                                                                              2.207E-03
                                                                                                              7.004E-04
                                                                                                                             0.000E+00
                                                                                              1.222E-03
                                                                                                                             0.000E+00
                                                                                                              3.880E-04
     548
               0.000E+00
                               0.000E+00
                                               3.390E-02
                                               4.138E-02
                               0.000E+00
                                                               0,000E+00
                                                                              4.845E-02
                                                                                              1.452E-03
                                                                                                              4.726E-04
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             8.406E+00
     549
                0.000E+00
                                                                                                                                                            8.123E+00
7.407E+00
7.317E+00
7.250E+00
                                                               0.000E+00
     550
               0.000E+00
                               0.000E+00
                                               4.745E-02
                                                                              5.559E-02
                                                                                              1.669E-03
                                                                                                              5.421E-04
5.857E-04
                                                                                                                             0.000E+00
                                                                                                                                             0 0006+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                                              6.006E-02
6.177E-02
               0.000E+00
                               0.000E+00
                                               5.124E-02
5.269E-02
                                                              0.000E+00
0.000E+00
                                                                                              1.807E-03
                                                                                                              6.023E-04
                                                                                              1.864E-03
                                                                                                                              0.000E+00
                               0.000E+00
     552
               0.000E+00
               0.000E+00
                               0.000E+00
                                               5.522E-02
                                                              0.000E+00
                                                                              6.466E-02
                                                                                              1.943E-03
                                                                                                              6.308E-04
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
     553
                                                                                                                                             0.000E+00
                                                                              6.852E-02
8.296E-02
                                                                                              2.062E-03
2.491E-03
                                                                                                                             0.000E+00
                                                                                                                                                             6.700E+00
               0.000E+00
                               0.000E+00
                                               5.850E-02
                                                              0.000E+00
                                                                                                              6.684E-04
                                                                                                              8.076E-04
                                                                                                                              0.000E+00
                                                                                                                                                             9.019E+00
                                                               0.000E+00
                                               7.050E-02
     555
               0.000E+00
                               0.000E+00
                                                                                              2,279E-03
                                                                                                              6.908E-04
                                                               0.000E+00
                                                                              7.100E-02
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             1.035E+01
               0.000E+00
                               0.000E+00
                                               6.030E-02
     556
                                                                                              2.762E-03
2.797E-03
                                                                                                             9.043E-04
9.152E-04
                                                                                                                                             0.000E+00
                                                                                                                                                             9.226E+00
1.001E+01
               0.000E+00
                               0.000E+00
                                               7.896E-02
                                                               0.000E+00
                                                                              9.293E-02
                                                                                                                             0 . nnnE+00
                                                                              9.403E-02
                                                                                                                                             0.000E+00
                                                                                                                              0.000E+00
     558
                                               7.995E-02
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                                                                             9.798E+00
9.595E+00
1.008E+01
                               0.000E+00
                                               8.909E-02
                                                              0.000E+00
                                                                              1.045E-01
                                                                                                              1.019E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
     559
               0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
     560
               0.000E+00
                               0.000E+00
                                               9.821E-02
                                                              D.000E+00
                                                                              1.152E-01
1.029E-01
                                                                                              3.439E-03
3.083E-03
                                                                                                             1.122E-03
1.005E-03
                                                                                                                             0.000E+00
0.000E+00
                                               8.816E-02
     561
               0 000E+00
                               0.000E+00
                                                                              1.188E-01
                                                                                                              1,161E-03
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             9.816E+00
                               0.000E+00
                                               1.018E-01
                                                              0.000E+00
                                                                                              3.562E-03
     562
               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                 11/07/95
                                                                                                                                              09:51:16
                                                                                                                                                              Page -
                                                                                                                              0.000E+00
                                                                                                                                             Q.000E+00
                                                                                              4.678E-03
                                                                                                             1.488E-03
                                                                                                                                                             9.593E+00
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                                              2.773E-01
2.452E-01
                                                                                              8.392E-03
7.365E-03
                                                                                                             2.720E-03
2.396E-03
2.082E-03
                                               2.399E-01
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             9.940E+00
     564
565
               0,000E+00
                               0.000E+00
                                                               0.000E+00
               0.000E+00
                               0.000E+00
                                               2.106E-01
                                                               0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             1.008E+01
                                                                                                                                                             9.856E+00
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                              2.137E-01
                                                                                              6.459E-03
     566
567
               0.000E+00
                               0.000E+00
                                               1.818E-01
                                                               D.000E+00
               0.000E+00
                               0.000E+00
                                               1.467E-01
                                                               0.000E+00
                                                                                              5.225E-03
                                                                                                              1.67BE-03
                                                                                                                              0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                             9.946E+00
                                               1.365E-01
9.568E-02
                                                                              1.603E-01
1.123E-01
                                                                                              4.887E-03
3.457E-03
                                                                                                             1.562E-03
1.095E-03
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                             1.009E+01
1.045E+01
     568
               0.000E+00
                               0.000E+00
                                                               0.000E+00
                                                              D.000E+00
     569
               0.000E+00
                               D.000E+00
                                                                                                                              0.000E+00
                                                                                                                                             0,000E+00
               0.000E+00
                               0.000E+00
                                               5.318E-02
                                                              D.000E+00
                                                                              6.238E-02
                                                                                              1.923E-03
                                                                                                              6,086E-04
                                                                                                                                                             1.041E+01
```

	55773 57774 57778 57778 57778 57778 57778 57778 57778 57778 5	0.000E+00	0.000E+00	5.351E-02 5.919E-02 6.599E-02 7.069E-02 7.290E-02 7.290E-02 7.127E-02 6.819E-02 6.416E-02 7.232E-02 7.652E-02 8.181E-02 7.652E-02 8.181E-02 1.027E-01 1.122E-01 1.152E-01 1.481E-01 9.178E-02 8.592E-02 8.592E-01 1.02E-01 2.010E-01 2.113E-01 2.010E-01 2.013E-01 1.083E-01 1.083E-01 1.085E-01 1.085E-01	0.000E+00	6.269E-02 6.937E-02 7.734E-02 8.279E-02 8.557E-02 8.357E-02 7.528E-02 9.117E-02 9.628E-02 9.005E-02 9.714E-02 9.559E-02 1.205E-01 1.314E-01 1.739E-01 1.739E-01 1.074E-01 9.375E-02 1.008E-01 1.044E-01 9.392E-02 9.327E-02 9.327E-02 9.327E-02 1.008E-01 1.044E-01 1.044E-01 2.528E-01 2.528E-01 2.598E-02 2.155E-01 2.247E-01 2.352E-01 2.474E-01 2.352E-01 2.474E-01 2.619E-01 2.798E-01 1.266E-01 1.266E-01 1.266E-01 1.266E-01 1.266E-01	1.876E-03 2.082E-03 2.315E-03 2.484E-03 2.561E-03 2.561E-03 2.562E-03 2.664E-03 2.664E-03 2.862E-03 2.862E-03 2.843E-03 3.590E-03 3.7732E-03 3.12E-03	6.113E-04 6.764E-04 8.764E-04 8.073E-04 8.332E-04 8.344E-04 8.149E-04 7.794E-04 8.292E-04 8.292E-04 9.365E-04 1.174E-03 1.282E-03 1.282E-03 1.282E-03 1.282E-03 1.282E-03 1.282E-04 9.365E-04 1.174E-03 1.282E-03 1.292E-04 9.365E-04 1.017E-03 9.36E-04 1.017E-03 9.36E-04 1.017E-03 2.292E-04 9.292E-04 9.292E-04 9.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04 1.292E-04	C.000E+00 O.000E+00 O.000E	O.000E+00	9.860E+00 9.818E+00 9.818E+00 8.755E+00 8.657E+00 7.660E100 7.6690E+00 1.067E+01 1.112E+01 1.163E+01 1.164E+01 1.184E+01 1.227E+01 1.184E+01 1.235E+01 1.235E+01 1.235E+01 1.235E+01 1.34E+01 1.235E+01 1.235E+01 1.34E+01 1.235E+01 1.235E+01 1.235E+01 1.235E+01 1.34E+00 9.232E+00 8.407E+00 8.210E+00 7.519E+00 8.210E+00 7.519E+00 1.245E+01 1.288E+01 1.288E+01 1.288E+01 1.288E+01 1.288E+01 1.288E+01 1.288E+01 1.288E+01 1.363E+01 1.44E+01 1.551E+01 1.551E+01 1.539E+01 1.539E+01 1.539E+01 1.539E+01 1.539E+01
			O.000E+00 OLEDAD MTN I \GQTPACE.DAT	8.017E-02 PROJECT - ALI	0.000E+00	9.409E-02 1991 MET, TS 8:\ace\GQ91\	2.889E-03	9.175E-04 OUTPUT OF AM	0.000E+00 4I/SBCAPCD AC 11/07/95		1.291E+01 VERS. 93288 * Page - 87
	6117 6117 6117 6120 62212 6221	D.000E+00	O.000E+00	5.745R-02 5.989E-02 5.714E-02 5.494E-02 4.949E-02 4.509E-02 4.311E-02 4.311E-02 4.311E-01 3.45E-01 3.45E-01 3.751E-01 3.943E-01 4.729E-01 7.697E-02 6.895E-02 6.221E-02 5.724E-02 5.724E-02 4.690E-02 4.428E-02 5.724E-02 4.690E-02 4.195E-02 6.291E-02 5.724E-02 6.291E-02	0.000E+00 0.000E+00	7.919E-02 7.020E-02 6.698E-02 6.385E-02 5.385E-02 5.802E-02 5.5286E-02 5.054E-02 4.083E-01 3.920E-01 4.065E-01 4.958E-01 4.9958E-01 4.9958E-01 5.542E-01 9.013E-02 8.088E-02 7.302E-02 6.720E-02 6.720E-01 2.980E-01 2.980E-01 2.980E-01	2.445F-03 2.119E-03 1.927E-03 1.927E-03 1.675E-03 1.675E-03 1.530E-03 1.134E-02 1.175E-02 1.217E-02 1.247E-02 1.246E-02 1.246E-02 1.348E-02 1.479E-02 1.479E-02 1.654E-03 2.20E-03 2.20E-03 2.20E-03 1.537E-03 1.542E-03 1.542E-03 1.547E-03 1.542E-03 1.642E-03	7.723E-04 6.845E-04 6.532E-04 6.532E-04 5.934E-04 5.934E-04 4.929E-04 4.929E-04 4.929E-03 3.822E-03 3.944E-03 4.114E-03 4.114E-03 4.114E-03 4.28E-03 8.79E-04 7.88E-04 6.552E-04 6.552E-04 6.552E-04 6.552E-04 6.552E-04 6.552E-04 6.712E-04	0.000E+00 0.000E+00	0.000E+00 0.000E+00	1.233E+01 1.169E+01 1.133E+01 1.034E+01 1.034E+01 1.005E+01 9.286E+00 8.940E+00 7.784E+00 7.326E+01 1.241E+01 1.241E+01 1.240E+01 1.241E+01 1.240E+01 1.542E+01 1.748E+01 1.748E+01 1.748E+01 1.910E+01 2.169E+01 1.1552E+01 1.14E+01 1.326E+01 1.326E+01 1.141E+01 1.326E+01 1.141E+01 9.952E+00 9.453E+00 8.376E+00 7.777E+00 7.332E+00 1.221E+01 1.309E+01 1.309E+01 1.309E+01 1.309E+01
)	652 653 654 655 656 657 658 669 660 661 662	0.00E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.326E-01 2.259E-01 2.215E-01 2.181E-01 1.304E-01 1.304E-02 6.167E-02 6.301E-02 6.078E-02 5.624E-02 5.043E-02 4.432E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.735E-01 2.667E-01 2.667E-01 2.567E-01 1.534E-01 8.796E-02 7.243E-02 7.392E-02 7.392E-02 5.586E-02 5.903E-02 5.186E-02	8.674E-03 8.499E-03 8.356E-03 8.080E-03 4.564E-03 2.637E-03 2.184E-03 2.140E-03 1.978E-03 1.772E-03	2.668E-03 2.592E-03 2.542E-03 2.502E-03 1.493E-03 8.597E-04 7.057E-04 7.205E-04 6.425E-04 5.759E-04 5.061E-04	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.616E+01 1.766E+01 1.979E+01 2.309E+01 3.400E+01 2.557E+01 2.146E+01 1.892E+01 1.721E+01 1.590E+01 1.479E+01 1.372E+01

```
4.507E-02
                                                                                            1.354E-03
                                                                                                            4.400E-04
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.265E+01
                              0.000E+00
                                              3.854E-02
                                                             0.000E+00
    664
665
               0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
                                              3.337E-02
                                                             0.000E+00
                                                                             3.901E-02
                                                                                            1.172E-03
                                                                                                           3.809E-04
                                                                                                                           0.000E+00
                                                                                                                                                          1.164E+01
               0.000E+00
                                                                             3.514E-02
                                                                                                                                           0.000E+00
                                                                                            1.052E-03
                                                                                                            3.428E-04
                                                                                                                           0.000E+00
                                                                                                                                                          1.080E+01
               0.000E+00
                                              3 DO2E-02
                              0.000E+00
                                                             0 000E+00
                                                                                                          OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
   DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                           Output File: g:\ace\GQ91\GQTFACE.OUT
                                                                                                                               11/07/95
                                                                                                                                             09:51:16
                                                                                                                                                           Page -
   it File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              2.787E-02
2.555E-02
2.317E-02
                                                                                            9.765E-04
8.950E-04
                                                                                                            3.182E-04
                                                                                                                                                          9.993E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                             3.261E-02
                                                             0.000E+00
0.000E+00
                                                                                                            2.916E-04
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          9.396E+00
                                                                             2.988E-02
                              0.000E+00
    668
669
               0.000E+00
0.000E+00
                                                                                            8.118E-04
7.963E-04
7.790E-04
                                                                                                           2.645E-04
2.566E-04
                                                                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                                                             2.709E-02
                                                                                                                           0.000E+00
                                                                                                                                                          8.866E+00
                                                                                                                           0.000E+00
                                                                                                                                                          8.379E+00
                              0.000E+00
0.000E+00
                                              2.245E-02
2.198E-02
                                                                             2.631E-02
2.576E-02
     670
               0.000E+00
                                                             0.000E+00
                                                             0.000E+00
                                                                                                            2.512E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          7.926E+00
               0.000E+00
     671
                                              2.145E-02
7.700E-02
                                                                                            7.597E-04
3.469E-03
                              0.000E+00
                                                             0.000E+00
                                                                             2.513E-02
8.917E-02
                                                                                                           2.452E-04
8.814E-04
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          7 503E+00
               0.000E+00
     672
                                                                                                                            0.000E+00
                                                                                                                                                          1.005E+01
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             1.006E-01
                                                                                            4.011E-03
                                                                                                            9.927E-04
                                                                                                                            0.000E+00
                                                                                                                                                          1.021E+01
                              0.000E+00
                                              8.633E-02
    674
675
               0.000E+00
                                                                                                                           0.000E+00
                                                                             1.102E-01
1.223E-01
                                                                                            4.462E-03
4.903E-03
                                                                                                            1 088E-03
                                                                                                                                                          1 028E+01
               0.000E+00
                              0.000E+00
                                              9.458E-02
                                                             0.000E+00
                                                                                                            1.209E-03
                                                                                                                           0.000E+00
                                                                                                                                                          1.213E+01
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                              1.053E-01
                              0.000E+00
                                                                                            5.234E-03
4.287E-03
4.723E-03
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          1.524E+01
1.751E+01
                                              1.171E-01
                                                             0.000E+00
                                                                             1.362E-01
                                                                                                            1.343E-03
                                                                                                                            0.000E+00
     677
               0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             1.352E-01
1.500E-01
                                                                                                                           0.000E+00
     678
               0.000E+00
                              0.000E+00
                                              1.176E-01
                                                                                                            1.331E-03
                                                                                                            1.470E-03
                                                                                                                            0.000E+00
                                              1.291E-01
               0.000E+00
                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                          2.277E+01
2.809E+01
               0.000E+00
                                              1.226E-01
                                                             0.000E+00
                                                                             1.432E-01
                                                                                            4.660E-03
                                                                                                            1.401E-03
                                                                                                                            0.000E+00
     680
                                                                                            6.854E-03
6.334E-03
                                              1.960E-01
1.810E-01
                                                             0.000E+00
0.000E+00
                                                                             2.290E-01
2.115E-01
                                                                                                            2.235E-03
2.065E-03
               0.000E+00
                              0.000E+00
                                                                                                                           0.000E+00
     681
                                                                                                                            0.000E+00
                                                                                                                                                          3.860E+01
     682
               0.000E+00
                              0.000E+00
                              0.000E+00
                                              2.629E-01
                                                             0.000E+00
                                                                             3.089E-01
                                                                                            9.194E-03
                                                                                                            3.008E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          3.264E+01
     683
               0 000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                            1.316E-02
3.011E-03
                              0.000E+00
                                              3.765E-01
                                                             0.000E+00
0.000E+00
                                                                             4.428E-01
1.008E-01
                                                                                                            4.310E-03
9.834E-04
                                                                                                                                                          3.211E+01
2.511E+01
               0.000E+00
     684
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
0.000E+00
                                              8.611E-02
5.955E-02
     685
               0.000E+00
                                                             0.000E+00
                                                                             6.916E-02
                                                                                            2.083E-03
                                                                                                            6.772E-04
5.941E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          2.127E+01
               0.000E+00
     686
                                                                             6.065E-02
5.127E-02
                                                                                            1.827E-03
1.567E-03
1.711E-03
                                                                                                                            0.000E+00
                                                                                                                                                          1.869E+01
     687
               0.000E+00
                              0.000E+00
                                              5.224E-02
                                                             0.000E+00
                                                                                                            4.997E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.661E+01
                                              4.364E-02
4.799E-02
                                                             0.000E+00
               0 000E+00
                              0.000E+00
     688
                                                                                                            5.491E-04
                                                                                                                                           0.000E+00
0.000E+00
                              0.000E+00
                                                              0.000E+00
                                                                             5.633E-02
                                                                                                                            0.000E+00
                                                                                                                                                          1.563E+01
               0.000E+00
     689
                                                                                                            5.673E-04
5.598E-04
                                                                             5.819E-02
5.740E-02
5.475E-02
                                                                                                                                                          1.470E+01
                                              4.961E-02
4.897E-02
                                                             0.000E+00
0.000E+00
                                                                                            1.761E-03
                                                                                                                            0.000E+00
     690
               0.000E+00
                              0.000E+00
                                                                                             1.734E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
     691
               0.000E+00
                              0.000E+00
                                                                                                            5.341E-04
4.977E-04
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.245E+01
1.162E+01
                              0.000E+00
                                                              0.000E+00
                                                                                             1.652E-03
                                                                                                                                           0.000E+00
               0.000E+00
                                              4.674E-02
     692
                                                                                                                                           0.000E+00
0.000E+00
                                              4.356E-02
3.995E-02
                                                                             5.101E-02
                                                                                            1.538E-03
               0.000E+00
                              0.000E+00
                                                             0.000E+00
     693
                                                                                                                                                          1.078E+01
                                                             0.000E+00
                                                                             4,676E-02
                                                                                             1.409E-03
                                                                                                            4.563E-04
                                                                                                                            0.000E+00
     694
               0.000E+00
                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                            4.141E-04
3.734E-04
3.356E-04
               0.000E+00
                              0.000E+00
                                              3.626E-02
                                                              0.000E+00
                                                                             4.243E-02
                                                                                             1.278E-03
                                                                                                                            0 000E+00
                                                                                                                                                          1.017E+01
     695
                                                                                                                                                          9.532E+00
8.958E+00
                                                                                                                            0.000E+00
                                                                                            1.153E-03
1.036E-03
               0.000E+00
                              0.000E+00
                                              3.270E-02
2.939E-02
                                                             0.000E+00
0.000E+00
                                                                             3.826E-02
3.438E-02
                                                                                                                            0.000E+00
     697
               0.000E+00
                              0.000E+00
                                                                                                            3.229E-04
3.114E-04
                                                                                                                                           0.000E+00
0.000E+00
                               0.000E+00
                                              2.826E-02
                                                              0.000E+00
                                                                             3.311E-02
                                                                                             9.980E-04
                                                                                                                            0 000E+00
                                                                                                                                                          8.414E+00
     698
               0.000E+00
                                              2.726E-02
2.599E-02
7.650E-02
                                                                                                                                                          7.935E+00
                                                                             3.192E-02
3.042E-02
                                                                                                                            0.000E+00
                                                                                            9.614E-04
               0.000E+00
                              0.000E+00
                                                              0 000E+00
     699
                                                                                            9.156E-04
                                                                                                            2.968E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          7.606E+00
                                                              0.000E+00
                              0.000E+00
     700
               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             8.887E-02
                                                                                            3.494E-03
                                                                                                            8.777E-04
                                                                                                                            0 000E+00
                                                                                                                                                          1.176E+01
               0.000E+00
                               0.000E+00
     701
                                                                                                            7.443E-04
                                              6.563E-02
9.185E-02
                                                             0.000E+00
0.000E+00
                                                                             7.603E-02
1.056E-01
                                                                                            2.489E-03
3.748E-03
                                                                                                                            0.000E+00
                                                                                                                                                          1.206E+01
               0.000E+00
                              0.000E+00
                                                                                                            1.043E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.334E+01
                               0.000E+00
               0.000E+00
     703
                                                                                                                                           0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                              9.049E-02
                                                              0.000E+00
                                                                             1.046E-01
                                                                                             4.431E-03
                                                                                                            1.038E-03
                                                                                                                            0 000E+00
                                                                                                                                                          1:426E+01
     704
                                              1.144E-01
1.237E-01
                                                                                             4.686E-03
                                                                                                                            0.000E+00
                                                                                                                                                          1.294E+01
                                                                                                            1.297E-03
                                                              0.000E+00
                                                                             1.319E-01
     705
706
               0.000E+00
                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.637E+01
1.737E+01
                               0.000E+00
                                                              0.000E+00
                                                                             1.427E-01
                                                                                             4.378E-03
                                                                                                            1.400E-03
                                                                                                                            0.000E+00
               0.000E+00
                                                                                                            1.356E-03
1.524E-03
                                                                                                                            0.000E+00
                               0.000E+00
                                              1.198E-01
                                                              0.000E+00
                                                                             1.382E-01
                                                                                             4.191E-03
     707
               0.000E+00
                                                                                             4.676E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.830E+01
                                              1.337E-01
1.773E-01
                                                              0.000E+00
                                                                             1.561E-01
2.076E-01
     708
               0.000E+00
                              0.000E+00
                                                              0.000E+00
                                                                                             6.201E-03
                                                                                                            2.025E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.746E+01
                               0.000E+00
     709
710
               0 000E+00
                                              1.950E-01
                                                              0.000E+00
                                                                             2.289E-01
2.830E-01
                                                                                             6.829E-03
                                                                                                            2.230E-03
2.759E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.979E+01
               0.000E+00
                               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          1.983E+01
                                              2.414E-01
3.286E-01
                                                              0 000E+00
                                                                                            8.463E-03
               0.000E+00
                               0.000E+00
                                                                             3.864E-01
                                                                                             1.149E-02
                                                                                                            3.761E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.939E+01
                               0.000E+00
                                                              0.000E+00
     712
               0.000E+00
                                                                                            2.801E-03
2.462E-03
2.093E-03
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.766E+01
                                              8.009E-02
                                                              0.000E+00
                                                                             9.382E-02
                                                                                                            9 149E-04
                                                                                                                            0.000E+00
               0.000E+00
                               0.000E+00
                                                                                                                                                          1.890E+01
                                                                                                            8.038E-04
                                                                                                                            0.000E+00
                                              7.040E-02
5.984E-02
                                                             0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                                                             8.238E-02
                                                                                                            6.813E-04
                                                                             6.964E-02
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.706E+01
                               0.000E+00
     715
               0.000E+00
                                              4.389E-02
3.413E-02
3.309E-02
                                                                             5.095E-02
4.002E-02
                                                                                            1.535E-03
1.194E-03
                                                                                                                                           0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                            4.991E-04
                                                                                                                            0.000E+00
                                                                                                                                                          1 597E+01
     716
                                                                                                            3.901E-04
                                                                                                                            0.000E+00
                                                                                                                                                          1.451E+01
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                             3.871E-02
                                                                                                            3.777E-04
                                                                                                                            0 000E+00
     718
               0.000E+00
                               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
                                                                                                                               11/07/95
                                                                                                                                             09:51:16
                                                                                                                                                            Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                               0.000E+00
                                              3.656E-02
                                                                                                            4.185E-04
                                                                                                                                                          1.281E+01
               0.000E+00
                                                              0.000E+00
                                                                             4.293E-02
                                                                                             1.309E-03
                                                                             4.612E-02
4.749E-02
4.733E-02
                                                             0.000E+00
                                              3.930E-02
                                                                                             1.402E-03
                                                                                                            4.496E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
     720
721
               0.000E+00
                              0.000E+00
                                                                                                            4.631E-04
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.159E+01
1.024E+01
                               0.000E+00
                                              4.049E-02
                                                              0.000E+00
                                                                                             1.440E-03
                                                                                                                            0.000E+00
               0.000E+00
                                                                                            1.433E-03
1.392E-03
                                                                                                            4.617E-04
                                                                                                                            0.000E+00
                                              4.038E-02
3.928E-02
                                                             0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                                                             4.603E-02
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          9.731E+00
                               0.000E+00
     723
               0.000E+00
                                                                                                            4.288E-04
4.040E-04
3.770E-04
                                                                                                                                                          9.354E+00
8.550E+00
               0.000E+00
                               0.000E+00
                                              3.752E-02
                                                              0.000E+00
                                                                             4.395E-02
                                                                                             1.328E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
     724
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                             4.141E-02
3.864E-02
     725
               0.000E+00
                               0.000E+00
                                              3.536E-02
                                                             0.000E+00
0.000E+00
                                                                                             1.251E-03
                                                                                                                                                          7.765E+00
7.714E+00
                                                                                             1.167E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                              3.300E-02
     726
               0.000E+00
                               0.000E+00
     727
                                              3.060E-02
                                                              0.000E+00
                                                                             3.581E-02
                                                                                             1.081E-03
                                                                                                            3.495E-04
                                                                                                                            0 000E+00
                                                                                                                                           0.000E+00
               0.000E+00
                               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                              2.823E-02
8.314E-02
9.057E-02
                                                                                                                                                          7.438E+00
8.490E+00
                                                                                            9.969E-04
3.493E-03
                                                                                                            3.224E-04
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             3.303E-02
                                                                                                            9.494E-04
                                                                                                                            0.000E+00
                                                                             9.676E-02
                                                              0.000E+00
     729
               0.000E+00
                               0.000E+00
                                                                                                                                                          8.988E+00
1.224E+01
                               0.000E+00
                                                              0.000E+00
                                                                             1.043E-01
                                                                                             3.516E-03
                                                                                                            1.028E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
               0.000E+00
     730
731
                                                                             1.101E-01
1.179E-01
                               0.000E+00
                                              9.554E-02
                                                              0.000E+00
                                                                                             3.826E-03
                                                                                                            1.086E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
               0.000E+00
                                                                                                                                                          1.140E+01
                                                                                            3.894E-03
3.548E-03
                                                                                                            1.159E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
               0.000E+00
                               0.000E+00
                                              1.021E-01
                                                              0.000E+00
     732
                                                              0.000E+00
                              0.000E+00
0.000E+00
                                              8.667E-02
                                                                             1.000E-01
                                                                                                            9.811E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.340E+01
     733
734
               0.000E+00
                                                                             1.403E-01
1.304E-01
                                                                                            4.244E-03
3.960E-03
                                                                                                            1.375E-03
1.280E-03
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.290E+01
1.205E+01
               0.000E+00
                                              1.212E-01
                                                              0.000E+00
                                                              0.000E+00
     735
               0.000E+00
                               0.000E+00
                                              1.132E-01
                                                              0.000E+00
                                                                             1.895E-01
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.279E+01
                               0.000E+00
                                              1.619E-01
                                                                                             5.663E-03
                                                                                                            1.848E-03
     736
               0.000E+00
                                              1.715E-01
2.102E-01
2.626E-01
     737
                               0.000E+00
                                                              0.000E+00
                                                                             2.008E-01
                                                                                            6.002E-03
7.350E-03
                                                                                                            1.959E-03
2.406E-03
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.393E+01
               0.000E+00
                                                                                                                                                          1.437E+01
                                                                             2.471E-01
3.080E-01
                                                             0.000E+00
0.000E+00
               0.000E+00
                               0.000E+00
                                                                                             9.215E-03
                                                                                                            3.002E-03
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.377E+01
               0.000E+00
                               0.000E+00
     739
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.432E+01
1.391E+01
     740
               0.000E+00
                                              2.751E-01
                                                              0.000E+00
                                                                             3.233E-01
                                                                                             9.618E-03
                                                                                                            3.148E-03
                                                                                                                            0.000E+00
                                              9.224E-02
8.218E-02
                                                                                            3.225E-03
2.873E-03
                                                                                                                            0.000E+00
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             1.081E-01
                                                                                                            1.054E-03
                                                              0.000E+00
                                                                                                            9.409E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.262E+01
                              0.000E+00
0.000E+00
                                                                             9.668E-02
     742
               0.000E+00
     743
               0.000E+00
                                              5.852E-02
                                                              0.000E+00
                                                                             6.843E-02
                                                                                             2.046E-03
                                                                                                            6.679E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.333E+01
                                                                                                                                                          1.355E+01
                                                                                                                                           0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             6.851E-02
4.983E-02
                                                                                            2.056E-03
1.499E-03
                                                                                                            6.697E-04
                                                                                                                            0.000E+00
               0.000E+00
                               0.000E+00
                                              5.878E-02
                                                                                                            4.878E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          1.263E+01
                                              4.285E-02
     745
               0.000E+00
                               0.000E+00
                                                                                                            3.243E-04
3.708E-04
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.258E+01
1.196E+01
     746
                               0.000E+00
                                              2.836E-02
                                                              0.000E+00
                                                                             3.327E-02
                                                                                             1.003E-03
               0.000E+00
     747
               0.000E+00
                               0.000E+00
                                              3.245E-02
                                                              0.000E+00
                                                                             3.803E-02
                                                                                             1.138E-03
                                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                             3.645E-02
                                                                                             1.090E-03
                                                                                                            3 557E-04
                                                                                                                            0.000E+00
                                                                                                                                                          1.166E+01
                                              3.116E-02
     748
749
               0.000E+00
                               0.000E+00
                                              3.162E-02
                                                              0.000E+00
                                                                             3.706E-02
                                                                                             1.112E-03
                                                                                                            3.613E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          1.029E+01
1.002E+01
               0.000E+00
                               0.000E+00
                                              3.124E-02
3.311E-02
                                                                                                            3.575E-04
                                                                                                                            0.000E+00
     750
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                             3.667E-02
                                                                                             1.116E-03
                                                                                                            3.787E-04
                                                                                                                                           0.000E+00
                                                                                                                                                          9.832E+00
     751
752
                              0.000E+00
                                                              0.000E+00
                                                                             3.884E-02
                                                                                             1.180E-03
                                                                                                                            0.000E+00
               0 000E+00
                                                              0.000E+00
                                                                             3.991E-02
                                                                                             1.211E-03
                                                                                                            3.892E-04
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          9-047E+00
```

```
4.004E-02
3.942E-02
                                    0.000E+00
0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                           1.213E-03
1.194E-03
1.157E-03
                                                                                                                              3.905E-04
3.845E-04
3.731E-04
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                     8,521E+00
                                                      3.416E-02
3.364E-02
                                                                                                                                                 0.000E+00
0.000E+00
      753
754
755
756
                  0.000E+00
                                                                                                                                                                                      8.111E+00
7.921E+00
                  0.000E+00
                  0.000E+00
                                                      3.265E-02
                                                                                           3.825E-02
                                                                                                                                                  0.000E+00
                  0.000E+00
                                    0.000E+00
                                                      3.132E-02
8.786E-02
                                                                        0.000E+00
                                                                                           3.669E=02
                                                                                                             1.110E-03
                                                                                                                                3.580E-04
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       7 236E+00
                                                                                                                                                                     0.000E+00
                                                                                           1.014E-01
                                                                                                              3.611E-03
                                                                                                                                1.000E-03
                                                                                                                                                   0.000E+00
      757
                  0.000E+00
                                    0.000E+00
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                             3.486E-03
3.538E-03
3.569E-03
                                                                                                                                1,079E 03
9,433E-04
1.135E-03
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                           1,106E-01
9,551E-02
                                    0.000E+00
                                                      9,444E 02
8,280E-02
                                                                                                                                                   0,000E+00
                                                                                                                                                                                       1.000E | 01
                  0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                       1.065E+01
      759
                 0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
      760
                                                      1.001E-01
                                                                                           1.158E-01
                                                                                                                                                   0.000E+00
                                                                                                                                                                                       1.020E+01
                                                      1.030E-01
1.096E-01
                                                                        0.000E+00
0.000E+00
                                                                                           1.191E-01
1.265E-01
                                                                                                             3.680E-03
3.835E-03
                                                                                                                                1.168E-03
1.242E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                  0.000E+00
                                    0.000E+00
                                                                                                                                                                                       1.092E+01
      761
                                                                                                                                                                                       1,038E+01
                                    0.000E+00
0.000E+00
                 0.000E+00
0.000E+00
      762
      763
                                                      1.183E-01
                                                                        0.000E+00
                                                                                           1.363E-01
                                                                                                             4.139E-03
                                                                                                                                1.339E-03
                                                                                                                                                  0.000E+00
                                                                                                                                                                                       1.010E+01
                                                                                                             4.963E-03
                                                                        0.000E+00
0.000E+00
                                                                                           1.599E-01
1.995E-01
                                                                                                                                1.561E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                  0.000E+00
                                    0.000E+00
                                                       1.366E-01
                                                                                                                                                                                       9 400E+00
                                                                                                                                                                                       1.054E+01
                                                      1.699E-01
                                                                                                             6.034E-03
                                                                                                                                1.944E-03
      765
                 0.000E+00
0.000E+00
                                    0.000E+00
                                                                                                              6.889E-03
                                    0.000E+D0
                                                       1.840E-01
                                                                         0.000E+00
                                                                                           2.152E-01
                                                                                                                                2.105E-03
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       1.069E+01
      766
                                                                        0.000E+00
0.000E+00
0.000E+00
                                                      2.747E-01
2.291E-01
                                                                                                             9.643E-03
8.010E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
                  0.000E+00
                                    0.000E+00
                                                                                           3.224E-01
                                                                                                                                3,141E-03
                                                                                                                                                                                       1.005E+01
      767
                                                                                           2.691E-01
                                                                                                                                2.621E-03
                                                                                                                                                                                       1.062E+01
                                    0.000E+00
0.000E+00
      768
                  0.000E+00
                  0.000E+00
                                                      7.257E-02
                                                                                           8.512E-02
                                                                                                              2.537E-03
                                                                                                                                8.295E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       1.090E+01
      769
                  0.000E+00
                                    0.00DE+00
                                                      1.003E-01
                                                                       0.000E+00
                                                                                           1.175E-01
                                                                                                             3.506E-03
                                                                                                                                1.146E-03
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       1.102E+01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.GUT
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 **
IT 11/07/95 09:51:16 Page - 90
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                        Page -
                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                            3.485E-03
2.487E-03
1.682E-03
1.884E-03
1.359E-03
7.820E-04
                                                     9.969E-02
7.110E-02
4.810E-02
                                                                                                                                1.142E-03
8.120E-04
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                           1.173E-01
8.325E-02
                  0.000E+00
                                    0.000E+00
                                    0.000E+00
0.000E+00
                                                                                                                                                                                       1.071E+01
                  0.000E+00
                                                                                                                                5.489E-04
6.139E-04
4.425E-04
2.463E-04
                                                                                           5,621E-02
                                                                                                                                                                                       1.078E+01
      773
774
                 0.000E+00
0.000E+00
                                                                                           6.281E-02
4.522E-02
2.525E-02
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                    0.000E+00
                                                       5.388E-02
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                       1.112E+01
1.129E+01
                                                      3.887E-02
2.151E-02
2.777E-02
      775
                  0.000E+00
                                    0.000E+00
                                                                                                                                                                                     1.078E+01
1.078E+01
1.041E+01
                  0.000E+00
                                                                                                                                                   0.000E+00
      776
                                                                                         2.525E-02
3.257E-02
3.595E-02
3.419E-02
3.429E-02
3.187E-02
3.346E-02
3.434E-02
3.460E-02
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                  0.000E+00
                                                                                                             9.849E-04
1.078E-03
                                                                                                                                3.176E-04
3.506E-04
      777
                                    0.000E+00
                                                                       0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                     9.968E+00
9.50E+00
9.50E+00
9.044E+00
8.799E+00
7.751E+00
7.849E+00
7.593E+00
7.211E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                      3.069E-02
2.923E-02
2.919E-02
                                    0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                  0.000E+00
                 0.000E+00
0.000E+00
                                                                                                              1.024E-03
                                                                                                                                3.337E-04
      779
      780
                                    0.000E+00
                                                                       0.000E+00
                                                                                                              1.032E-03
                                                                                                                                3.337E-04
                                                                                                                                                  0.000E+00
                                                                                                                                                                     0.000E+00
                                                      2.929E-02
2.716E-02
2.853E-02
                                                                       0.000E+00
0.000E+00
                                                                                                                                3.345E-04
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                     0.000E+00
0.000E+00
      781
                  0.000E+00
                                    0.000E+00
                                                                                                              1.030E-03
                                    0.000E+00
0.000E+00
                                                                                                              9.692E-04
                                                                                                                                3.107E-04
                 0.000E+00
0.000E+00
      782
                                                                                                                                3.263E-04
3.349E-04
                                                                                                                                                                    0.000E+00
0.000E+00
      783
                                                                        0.000E+00
                                                                                                              1.016E-03
                                                      2,929E-02
2,952E-02
8,945E-02
                  0.000E+00
                                    0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                              1.042E-03
                 0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                              1.049E-03
                                                                                                                                3.375E-04
                                                                                                                                                                     0.000E+00
      785
                                                                                                                                                                                      9.222E+00
8.219E+00
                                                                                          1.034E-01
7.702E-02
9.494E-02
                                                                                                             3.456E-03
2.341E-03
                                                                                                                                1.017E-03
7.559E-04
                                                                                                                                                                    0.000E+00
0.000E+00
      706
                                    0.000E+00
                                                                        0.000E+00
                                                       6.678E-02
8.214E-02
                                                                         0.000E+0D
      787
                  0.000E+00
                                    0.000E+00
                  0.000E+00
                                    0.000E+00
                                                                        0.000E+00
                                                                                                              3.227E-03
                                                                                                                                9.309E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       9.585E+00
      788
                                                                                          1.040E-01
1.044E-01
1.151E-01
                  0.000E+00
                                    0.000E+00
                                                      9.001E-02
9.065E-02
                                                                       0.000E+00
0.000E+00
                                                                                                             3.264E-03
3.172E-03
                                                                                                                               1.020E-03
1.026E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                      7.958E+00
8.994E+00
      790
791
                 0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
                                                      9.992E-02
1.353E-01
                                                                                                             3.496E-03
4.769E-03
5.013E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                     8.702E+00
7.876E+00
                                                                                                                                1.131E-03
                                                                         0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                          1.584E-01
1.571E-01
1.992E-01
                  0.000E+00
                                    0.000E+00
                                                                       0.000E+00
                                                                                                                               1.545E-03
1.534E-03
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                                                                                                      8.964E+Q0
                                                      1.340E-01
                 0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
      793
                                                       1.698E-01
                                                                        0.000E+00
                                                                                                              6.017E-03
                                                                                                                                1.940E-03
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       8.968E+00
      794
                                                                                         2.366E-01
3.215E-01
                                                      2,016E-01
2,739E-01
1,922E-01
                                                                                                             7.294E-03
9.615E-03
                                                                                                                                2.305E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                      8.581E+00
8.572E+00
                  0.000E+00
                                    0.000E+00
                                    0.000E+00
0.000E+00
                                                                                                                                3,133E-03
                 0.000E+00
0.000E+00
      796
      797
                                                                        0.000E+00
                                                                                           2.255E-01
                                                                                                              6.718E-03
                                                                                                                                2.197E-03
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       8.565E+00
                                                                                         2.255E-01
8.194E-02
1.116E-01
8.004E-02
7.574E-02
7.399E-02
5.009E-02
4.179E-02
2.018E-02
                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                      6.988E-02
9.522E-02
7.582E-02
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       9.110E+00
8.918E+00
8.954E+00
      798
799
                  0.000E+00
                                    0.000E+00
                                                                                                             2.443E-03
3.330E-03
                                                                                                                               7.987E-04
1.088E-03
                  0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
                                                                                                             2.651E-03
                                                                                                                                8.663E-04
      800
                                                     6.468E-02
6.323E-02
4.292E-02
4.970E-02
                                                                                                             2.275E-03
2.212E-03
                                                                                                                                7.308E-04
7.219E-04
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                       9.122E+00
9.094E+00
                  0.000E+00
                                    0.000E+00
                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
      802
                  0.000E+00
                                    0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                 0.000E+00
0.000E+00
                                    0.000E+00
                                                                                                             1.503E-03
1.738E-03
1.256E-03
                                                                                                                                4.893E-04
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       9.316E+00
      803
                                                                                                                                                                                      9.431E+00
9.500E+00
                                                                                                                                5.664E-04
                                                                                                                                                                    0.000E+00
0.000E+00
                                    0.000E+00
                                                                                                                                4.089E-D4
                 0.000E+00
0.000E+00
                                                      3.591E-02
      805
                                    0.000E+00
                                                      1,736E-02
2,208E-02
2,701E-02
2,902E-02
                                                                                                             6.099E-04
7.984E-04
9.593E-04
                                    0.000E+00
                                                                                                                                1.975E-04
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       9.664E+00
      806
                                                                                                                                2.528E-04
3.089E-04
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                       9.423E+00
8.137E+00
                                                                                           2.591E-02
3.168E-02
                  0.000E+00
                                    0.000E+00
                                    0.000E+00
      808
                  0.000E+00
                                                                         0.000E+00
                                                                                            3.399E-02
                                                                                                              1.021E-03
                                                                                                                                3.315E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       8.539E+00
                  0.000E+00
                                    0.000E+00
      809
                                                       2.743E-02
2.687E-02
2.766E-02
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                           3.207E-02
3.149E-02
3.239E-02
                                                                                                              9.618E-04
9.542E-04
9.763E-04
                                                                                                                                                                                       8.154E+00
7.855E+00
                  Q.000E+00
                                    0.000E+00
                                                                                                                                3.131E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0-000E+00
                                                                                                                                3.071E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
      811
                  0.000E+00
                                    0-000E+00
                                                                                                                                3.160E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       7.513E+00
                  0.000E+00
                                    0.000E+00
      812
                                    0.000E+00
                                                                                                                                3.011E-04
2.743E-04
                                                                                                                                                                                       7.372E+00
6.779E+00
                  0.000E+00
                                                       2.637E-02
                                                                         0.000E+00
                                                                                           3.085E-02
                                                                                                              9.275E-04
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                     0.000E + 00
                  0.000E+00
                                    0.000E+00
                                                       2.398E-02
                                                                         0.000E+00
                                                                                            2.813E-02
                                                                                                              8.548E-04
                                                                                                                                                   0 000E+00
      ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:
                  0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                                                       0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 91
Input File: g:\ace\GQ91\GQTPACE.DAT
                            *** PREDICTED PEAK 1-HOUR CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***
                                                                                                                 PAH
 RECEPTOR
                     Pb
                                          Mn
                                                                            Ni
                                                                                               NAPTH
                                                                                                                                   PROPL.
                                                                                                                                                     Şe
                                                                                                                                                                        TOI.
                                                                                                                                                                                           XYLEN
                                                            Hg
                                                                       4.522E-03
                  5.162E-02
                                    0.000E+00
                                                       0.000E+00
                                                                                         0,000E+00
                                                                                                            0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                                  0 000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                                                     0.000E+00
         2
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                       1.943E-03
1.847E-03
                                                                                          0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                  2,220E-02
                                    0.000E+00
                                    0.000E+00
                  2.107E-02
         3
                                                                         5.576E-03
5.428E-03
5.245E-03
                  6,368E-02
                                    0.000E+00
                                                       0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                  6.199E-02
                                    0.000E+00
                                                       0.000E+00
                                                       0.000E+00
         6
7
                  5.990E-02
                                    0.000E+00
                  3.658E-02
                                    0.000E+00
                                                       D.000E+00
                                                                         3.202E-03
                                                                                            0.000E+00
                                                                                                              0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                   0.00DE+00
                                                                                                                                                                     0.000E+00
                                                                                                                                                                                       0.000E+00
                  4.406E-02
                                                                         3.857E-03
4.044E-03
                                    0.000E+00
                                                      0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                  4.621E-02
5.768E-02
                                    0.000E+00
0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0 000E+00

0,000E+00

0 000E+00

0.000E+00

0 000E±00

4-866E-02

0 000E+00

5.055E-03

4.260E-03 0.000E+00

```
0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.904E-03
              5.598E-02
     12
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.420E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                           1.412E-02
                                                                         0.000E+00
     14
15
              1.614E-01
1.580E-01
                             0.000E+00
                                            0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           1.382E-02
                                                                         0 000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                           1.233E-02
                                                                         0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
              1.408E-01
                                                                                                                                    0.000E+00
0.000E+00
                                                           2.804E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
              3.198E-02
                             0.000E+00
                                                                                                                                                    0.000E+00
              6.107E-02
                             0.000E+00
                                            0.000E+00
                                                          5.347E-03
5.094E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
              5.817E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           6.498E-03
              7.422E-02
6.734E-02
     20
21
                             0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
                                                           5.896E-03
                                                                                        0.000E+00
                                                                                                       0.000E+00
              6.525E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
0.000E+00
                                                           5.712E-03
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
              5.899E-02
     23
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
     24
              5.720E-02
                             0.000E+00
                                            0.000E+00
                                                           5.005E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
     25
26
27
              9.261E-02
                             0.000E+00
0.000E+00
                                            0.000E+00
                                                           8.114E-03
                                                                                                                                    0.000E+00
0.000E+00
                                            0.000E+00
                                                           8.269E-03
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
              9.438E-02
1.653E-01
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                           1.447E-02
1.764E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
              2.015E-01
                             0.000E+00
                                            0.000E+00
                                                           1.764E-02
1.471E-02
8.377E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              2.014E-01
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.680E-01
                                            0.000E+00
0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
      31
              9.561E-02
                                                           8.454E-03
1.496E-02
1.766E-02
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
              9.650E-02
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
      32
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.709E-01
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
      34
              2.017E-01
                                                           1.760E-02
1.745E-02
1.715E-02
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              2.009E-01
      35
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.991E-01
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
      37
              1.957E-01
                             0.000E+00
                                            0.000E+00
                                                           1.896E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
              2.163E-01
      38
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
              3.006E-01
                             0.000E+00
                                            0.000E+00
                                                           2.633E-02
                                                                          0.000E+00
                                                                         0.000E+00
0.000E+00
                                                           3.020E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              3.450E-01
1.673E-01
                             0.000E+00
0.000E+00
                                            0.000E+00
      40
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                    0.000E+00
      41
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.516E-01
                                                                         0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.326E-02
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                          11/07/95
                                                                                                                                       09:51:16
                                                                                                                                                     Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                    0.000E+00
                                                                                                                                    0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                           1.327E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                         0.000E+00
0.000E+00
                                                           9.076E-03
9.839E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.036E-01
1.123E-01
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
      45
                                                                                                                      0.000E+00
                                                           1.342E-02
1.172E-02
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
      46
                                                                         0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
0.000E+00
              1.338E-01
                             0.000E+00
                                                           1.022E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
      48
              1.167E-01
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
              1.715E-01
                             0.000E+00
                                            0.000E+00
                                                           1.501E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.876E-01
2.281E-01
                                            0.000E+00
0.000E+00
                                                           1.641E-02
1.996E-02
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
      51
                                                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                           2.236E-02
1.005E-02
                                                                         0.000E+00
0.000E+00
              2.556E-01
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              1.148E-01
9.862E-02
                             0.000E+00
                                            0.000E+00
                                                           8.634E-03
7.518E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
              8.585E-02
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                           6.626E-03
5.875E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              7.566E-02
6.707E-02
                             0.000E+00
0.000E+00
      56
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
      57
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           5 391E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0 000E+00
                                                                                                       0 000E+00
                                                           4.957E-03
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              5.659E-02
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                           5.636E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              6.436E-02
                             0.000E+00
                                            0.000E+00
      60
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
              6.680E-02
                             0.000E+00
                                            0.000E+00
                                                           5.849E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                           6.367E-03
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                             0.000E+00
     62
63
              7.272E-02
7.415E-02
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           6.492E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                          0.000E+00
              7.237E-02
                             0.000E+00
                                            0.000E+00
                                                           6.336E-03
                                                                                                                                                   0.000E+00
0.000E+00
                                                           5.852E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              6.683E-02
                                            0.000E+00
      65
                             0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
              1.148E-01
                             0.000E+00
                                            0.000E+00
                                                           1.005E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
      66
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
      67
                             0.000E+00
                                            0.000E+00
                                                           1.133E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
               1.294E-01
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.458E-01
1.715E-01
                             0.000E+00
                                            0.000E+00
                                                           1.276E-02
1.501E-02
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                                                                        0.000E+00
      69
70
                                            0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
                                                           1.706E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
               1.949E-01
                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
              9.636E-02
                             0.000E+00
                                            0.000E+00
                                                           8.435E-03
                                                                                                                                                   0.000E+00
0.000E+00
                                                           7.830E-03
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
      72
73
                                            0.000E+00
              8.949E-02
                             0.000E+00
                                                           4.284E-03
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
               4.887E-02
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
      74
75
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                           4.286E-03
7.146E-03
               4.898E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              8.104E-02
                                                                                                                                     0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                      0 000E+00
               7.837E-02
                             0.000E+00
                                            0.000E+00
                                                           6.862E-03
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              8.215E-02
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                           7.198E-03
                                                                                                                                    0.000E+00
0.000E+00
                                                           1.027E-02
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
      78
79
              1.173E-01
                                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           8.882E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                           6.997E-03
6.005E-03
              7.992E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                             0.000E+00
      81
              6.855E-02
                                                                                                                                                    0.000E+00
              6.843E-02
                             0.000E+00
                                            0.000E+00
                                                           5.993E-03
7.401E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
      82
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                           9.482E-03
      84
              1.083E-01
                             0.000E+00
                                            0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
              1.206E-01
                             0.000E+00
                                            0.000E+00
                                                           1.056E-02
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
      85
                                                                                                                                                    0.000E+00
                                                           1.047E-02
9.873E-03
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
      87
              1.128E-01
                             0.000E+00
                                            0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                             0.000E+00
                                                           8.214E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
      88
              9.386E-02
                                                                                                                                                    0.000E+00
                                                           7.595E-03
5.470E-03
4.754E-03
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
0.000E+00
      90
               6.248E-02
                             0.000E+00
              5.433E-02
                             0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
      91
                                                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                      0.000E+00
               4.954E-02
                             0.000E+00
                                            0.000E+00
                                                           4.335E-03
                                                                                        0.000E+00
                                                                                                                                                    0.000E+00
                                                           4.390E-03
3.425E-03
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
      93
               5.017E-02
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
               3.912E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                      OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                  VERS. 93288 *
                                                                                                                          11/07/95
                                                                                                                                       09:51:16
                                                                                                                                                    Page -
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              3.493E-02
4.977E-02
5.405E-02
                                                                          0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           3.057E-03
                                                           4.355E-03
4.729E-03
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
     96
97
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
              5.875E-02
7.526E-02
                                                           5.141E-03
                                                                                        0.000E+00
      98
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                           6.633E-03
                             0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
      99
                                            0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                             0.000E+00
                                                           6.909E-03
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
```

101 103 104 105 106 107 108 109 110 1112 113 114 115 117 118 119 120 121 122 123 124 125 127 128 129 131 132 134 135 137 138 139 140	6.743E-02 4.183E-02 4.109E-02 4.702E-02 4.702E-02 1.231E-01 1.231E-01 1.598E-01 1.598E-01 1.317E-01 1.317E-01 1.346E-01 1.346E-01 1.474E-01 1.474E-01 1.243E-01 1.243E-01 1.243E-01 1.243E-01 1.243E-01 1.243E-01 1.245E-01 1.250E-01 1.771E-01 1.771E-01 1.76E-01 1.771E-01	0.000E+00	0.000E+00	5.944E-03 3.661E-03 3.589E-03 4.115E-03 3.767E-03 4.770E-03 1.079E-02 7.114E-03 4.327E-03 5.957E-03 1.135E-02 1.450E-02 1.155E-02 1.251E-02 1.251E-02 1.251E-02 1.335E-02 1.311E-02 1.311E-02 1.335E-02 1.311E-02 1.335E-02 1.335E-02 1.726E-02 1.337E-02 1.552E-02 1.572E-02 1.537E-02 9.756E-03 8.337E-03 7.981E-03 7.981E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00
141 142 143 144 145 146	1.448E-01 1.018E-01 7.652E-02 8.676E-02 6.612E-02 5.872E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.272E-02 8.964E-03 6.744E-03 7.638E-03 5.791E-03 5.142E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
DEN QUEE	g:\ece\GQ9	EOLEDAD MTN 1 L\GQTPACE.DA	PROJECT - ALI	RECEPTORS, Output File:	1991 MET, T: g:\ace\GQ91		OUTPUT OF AL	MI/SBCAPCD AC 11/07/95		VERS, 93288 * Page - 94
147 148 149 150 151 153 154 1556 157 158 160 162 163 1645 1667 168 177 178 177 177 177 177 177 178 188 18	6.894E-02 4.763E-02 4.763E-02 6.084E-02 6.101E-02 6.119E-02 6.109E-02 6.109E-02 6.080E-02 6.109E-02 6.109E-02 6.109E-02 6.109E-02 6.109E-02 6.109E-02 6.109E-02 6.263E-02 7.358E-02 6.364E-02 7.378E-02 6.364E-02 7.378E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.364E-02 6.376E-02 6.776E-02 6.776E-02 6.776E-02 6.776E-02	0.000E+00	0.000E+00	6.034E-03 4.351E-03 5.351E-03 5.118E-03 5.317E-03 5.327E-03 5.304E-03 5.304E-03 5.324E-03 5.324E-03 5.324E-03 5.324E-03 5.324E-03 5.324E-03 6.913E-03 6.913E-03 6.913E-03 6.413E-03 6.413E-03 6.450E-03 6.774E	0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.000E+00	0.000E+00	0.00E+00

```
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     194
195
               8.288E-02
7.437E-02
                                              0.000E+00
0.000E+00
                                                             7.295E-03
6.576E-03
                               0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                               0.00DE+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
     196
197
               7.019E-02
                               D.000E+00
                                              0.000E+00
                                                             6.146E-03
6.396E-03
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                             0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
               7 245E-02
                               0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.0002 \pm 00
     198
### SULDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **
Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                          OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                               11/07/95
                                                                                                                                             09;51;16
                                                                                                                                                           Page -
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              6.764E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
               7.677E-02
                                                             6.786E-03
6.574E-03
6.250E-03
                                                                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                           0.000E+00
     200
               7.703E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
                                                                             0.000E+00
     201
               7.461E-02
                               0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                               0.000E+00
     202
               7.092E-02
               7.213E-02
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              6.349E-03
                                                                             0.000E+00
     203
                                                             1.059E-02
7.790E-03
               1.205E-01
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
     204
               8.849E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0,000E+00
     205
               8.048E-02
                               0.000E+00
                                              0.000E+00
                                                              7.120E-03
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
     206
                                                             6.974E-03
7.027E-03
7.092E-03
7.915E-03
                               0.000E+00
0.000E+00
                                                                                                            0.000E+00
               7.888E-02
                                              0 000E+00
                                                                             0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          D.000E+00
0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
               7.969E-02
     20A
                                                                                            0.000E+00
                                                                                                            0 000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                                           0.000E+00
     209
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                           0.000E+00
                                                                             0,000E+00
                                                                                                                           0.000E+00
                                              0.000E+00
     210
               8.989E-02
                               0.000E+00
                                                             1.043E-02
7.061E-03
6.531E-03
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                               0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
               1.187E-01
                                              0.0D0E+00
     211
                                                                             0.000E+00
0.000E+00
                                                                                                            0.000E+00
               8.016E-02
                               0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
               7.416E-02
                                                             7.049E-03
9.831E-03
7.872E-03
7.653E-03
7.715E-03
7.915E-03
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0,000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
               8.028E-02
                               0.000E+00
                                              0.000E+00
                                                                             0,000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
     214
                1.118E-01
                               0.000E+00
0.000E+00
                                              0.000E+00
                                                                             0 000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     216
217
               8.941E-02
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
               8,649E-02
                               0.000E+00
                                              0.000E+00
                                                                             0,000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
               8.746E-02
8.993E-02
                                                                                                                           0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
                               0.00000
               1.017E-01
                               0.000E+00
                                              0.000E+00
                                                              8.897E-03
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
     220
                                                             1.341E-02
1.301E-02
7.656E-03
7.253E-03
9.658E-03
                                                                                                                           0.000E+00
                                                                                                            0.000E+00
               1.527E-01
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           D.000E+00
               1 482E-01
                               0.000E+00
                                              0.000E+00
                                                                             D.000E+00
                                                                                            0.000E+00
     222
                                                                                                                                           0.000E+00
0.000E+00
               8.696E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0,000E+00
                                                                                                                                                           0.000E+00
     223
                                                                                                                                                           0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                            0.000E+00
0.000E+00
               8.261E-02
1,101E-01
                               0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
     224
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     225
                                                                                                                                           0.000E+00
0.000E+00
               1,001E-01
                               0.000E+00
                                              0.000E+00
                                                              8.782E-03
                                                                             D.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
     226
                                                             8.811E-03
1.321E-02
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               1.004E-01
1.507E-01
                               0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
     227
                                              D.000E+00
                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     228
                                                                                                                                           0.000E+00
0.000E+00
               1.076E-01
                               0.000E+00
                                              0.000E+00
                                                              9.442E-03
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
     229
                                                                                                                                                           0.000E+00
                                                                             D.000E+00
D.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
               1,226E-01
                               0.000E+00
                                              0 000E+00
                                                             1.075E-02
1.305E-02
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
               1.489E-01
                               0.000E+00
     231
                                                                                                                                           0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              1.330E-02
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
     232
                                                                                                                           0,000E+00
                                                                                                                                                           0.000E+00
                                                                                                            0.000E+00
                                                             1.041E-02
1.269E-02
     233
               1 187E-01
                               0.000E+0D
                                              0.000E+00
                               0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            D.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                              0.000E+00
               1.448E-01
     234
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               1.618E-01
                               0.000E+00
                                              0.000E+00
                                                              1.418E-02
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                            0.000E+00
     236
237
               1.478E-01
1.443E-01
                               0.000E+00
                                              0.000E+00
                                                              1.296E-02
                               0.000E+00
                                              0.000E+00
                                                              1.265E-02
                                                                             0,000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
     238
239
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           0.000E+00
               1.476E-01
                               0.000E+00
                                              0.000E+00
                                                              1.294E-02
                                                                                                            0.000E±00
                                                                                                                                                           0.000E+00
                                                              1.207E-02
                                                                                                            0.000E+00
               1.376E-01
                               0.000E+00
                                              0.000E+00
                               0.000E+00
                                                              1.252E-02
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0,000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               1.426E-01
                                              0.0002+00
     240
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
               1.509E-01
                               0.000E+00
                                              0.000E+00
                                                              1.321E-02
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           D.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               1.554E-01
1.544E-01
                                              0.000E+00
0.000E+00
                                                             1.360E-02
1.352E-02
     242
                               0.000E+00
                               0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     243
               1.598E-01
                               0.000E+00
                                              0.000E+00
                                                              1.399E-02
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           0.000E+00
                                                              1.262E-02
                                                                                                            D.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               1.443E-01
3.709E-02
     245
                               0.000E+00
                                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                              3.248E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            D.000E+00
                                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
     246
                                                             3.883E-03
3.988E-03
3.353E-03
                                                                             0.000E+00
0.000E+00
0.000E+00
               4.433E-02
                               0.000E+00
                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           D.000E+00
                               0.000E+00
0.000E+00
                                                                                             0.000E+00
               4.552E-02
3.827E-02
                                              0.000E+00
     248
                                              0.000E+00
                                                                                             0.000E+00
                                                                                                            D.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     249
                                              0.000E+00
                                                              3.102E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               3.54QE-02
                               0.000E+00
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN OUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                           Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                               11/07/95 09:51:16
                                                                                                                                                           Page -
                                                                                                                           0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
                                                              4.194E-03
                                                                             0:000E+00
                                                                                             0.000E+00
                               0.000E+00
                                                             4.108E-03
3.868E-03
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
     252
                               0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                            D.000E+00
               4.690E-02
                                                                             0.000E+00
                                                                                             0.000E+00
               4.417E-02
     253
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                                                           0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
     254
255
               5.012E-02
                               0.000E+00
                                              0.000E+00
                                                              4.389E-03
                                                                                                                                                          0.000E+00
0.000E+00
               4.652E-02
                               0.000E+00
                                                              4,073E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              0.000E+00
                                                             4.313E-03
3.467E-03
4.172E-03
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
               4.927E-02
                               0.000E+0D
                                              0.000E+00
                                                                                                            D. DOOE+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
     257
               3.960E-02
4.764E-02
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
     258
               2.943E-02
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                             2.578E-03
1.810E-03
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     260
               2.067E-02
                               0.000E+00
               1.033E-02
                               0.000E+00
                                              0.000E+00
                                                              9.045E-04
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
     261
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                             1.563E-03
2.019E-03
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
               1.785E-02
                               0.000E+00
                                              0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
     263
               2.307E-02
                               0.000E \pm 00
               2.130E-02
2.798E-02
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                              1.865E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                               0,000E+DD
                                              0.000E+00
     264
                                                             2.449E-03
2.703E-03
                                                                                            0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                            D. DOGE+00
                                                                             0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                            0.000E+00
                                              0 000E+00
     266
               3.087E-02
                               0.000E+00
                                                             2.722E-03
2.779E-03
               3.109E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     267
                                                                                                                                                          0.000E+00
               3,175E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           D.000E+00
     269
               3.378E-D2
                               0.000E+00
                                              0.000E+00
                                                              2.957E-03
                                                                             0.000E+00
                                                             2.850E-03
3.559E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               3.254E-02
                               0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
     270
                                                                                                                                           0.000E+00
0.000E+00
               4.065E-02
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
     271
                               0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
                                                             3,462E-03
3,512E-03
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E\pm00
               3.954E-02
                                              0.000E+00
                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                              0.000E+00
               4.009E-02
5.275E-02
     273
                                                              4.619E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0,000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     274
                               0.000E+00
                                              0.000E+00
                                                             2.700E-03
3.565E-03
                                                                                             0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                           0.000E+00
               3,084E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
               4 070E-02
                               0.000E+00
                                              0.000E+00
     276
     277
                               0.000E+00
                                              0.000E+00
                                                              4.129E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
               4.575E-02
                                                                                                                                                           0.000E+00
     278
                               0.000E+00
                                              0.000E+00
                                                              4.008E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0:000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                              3.056E-03
3.835E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           0.000E+00
     279
               3.488E-02
                               0.000E+00
                                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
     280
               4.377E-02
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.D00E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                               0.000E+00
                                                                                                                           0.000E+00
     281
               5.077E-02
                               0.000E+00
                                              0 000E+00
                                                              4.446E-03
                                                                             0.000E+00
                                                                                             0 000E+00
                                                                                                            0.000E+00
                                                              4.307E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               4 918E-02
                                              0.000E+00
                               0.000E+00
```

```
4.868E-02
5.079E-02
5.046E-02
                                                                       4.264E-03
4.447E-03
4.418E-03
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
      283
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      284
      285
                  4.167E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       3.648E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                       4.248E-03
2.580E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
      287
                  4.850E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                                                                                                                  0.000E+00
                  2.948E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                                                                                  0.000E+00
      288
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                  1.847E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       1.617E-03
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                            0.000E+00
      290
                  1.362E-02
                                   0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       1.194E-03
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                  0.000E+00
                  2.153E-02
                                   0.000E+00
                                                                       1.886E-03
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
      291
                                                                       2.096E-03
2.357E-03
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                  2.395E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                  2.692E-02
3.078E-02
      293
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                       2.695E-03
                                   0.000E+00
      294
                                                                       2.917E-03
2.782E-03
3.103E-03
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                  3.332E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                                                                                                                  0.000E+00
                                                     0.000E+00
0.000E+00
                  3.178E-02
3.545E-02
                                                                                                                                                                                  0.000E+00
      296
                                   0.000E+00
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
      297
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                  3.477E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       3.045E-03
3.816E-03
                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      299
                  4.359E-02
                                   0.000E+00
                  4.134E-02
                                   0.000E+00
                                                                       3.619E-03
      300
                                   0.000E+00
0.000E+00
                                                                       4.049E-03
5.089E-03
                                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                  4.623E-02
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
                                                     0.000E+00
                                                                                         0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                  5 813E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 97
                                   0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                       5.234E-03
2.404E-03
3.017E-03
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                  5.979E-02
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                          0.000E+00
                  2.743E-02
3.446E-02
      304
305
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       3.891E-03
                                                                                                          0.000E+00
0.000E+00
      306
                  4.443E-02
                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                       3.891E-03
4.344E-03
3.914E-03
3.270E-03
4.535E-03
                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                  4.959E-02
      307
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
      309
                  3.732E-02
5.177E-02
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                            0 000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
      310
      311
                                   0.000E+00
                                                     0.000E+00
                                                                       4.498E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       4.033E-03
4.741E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
      312
                  4.604E-02
                                                                                                                            0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                  5.415E-02
      313
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                       4.496E-03
                  5.136E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                        0.000E+00
0.000E+00
                  4.385E-02
4.936E-02
                                                     0.000E+00
0.000E+00
                                                                       3.839E-03
4.323E-03
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
      315
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                  0.000E+00
      316
                                                                      4.323E-03
2.610E-03
1.374E-03
1.589E-03
2.151E-03
2.143E-03
2.636E-03
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                  2.982E-02
                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
      318
                  1 569E-02
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                                0.000E+00
                  1.814E-02
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
      319
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                  2.457E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                  0.000E+00
      321
                  2.447E-02
                                   0.000E+00
      322
                  3.012E-02
                                   0.000E+00
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                  3.516E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       3.078E-03
2.760E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                  3.153E-02
3.703E-02
                                                     0.000E+00
0.000E+00
                                                                                                                            0.000E+00
      324
                                   0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                      3.241E-03
3.257E-03
4.074E-03
3.757E-03
                                   0.000E+00
                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                0.000E+00
      325
                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                  3.719E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                  4.654E-02
4.292E-02
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
      327
328
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       4.649E-03
5.535E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
      329
                  5.309E-02
                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                  6 323E-02
                                   0.000E+00
      330
      331
                  6.080E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       5.322E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                       4.244E-03
3.382E-03
2.533E-03
                                                                                                                                                                0.000E+00
0.000E+00
      332
                  4.848E-02
3.859E-02
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      333
                  2.890E-02
                                                                                                          0.000E+00
      334
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                       3.352E-03
4.228E-03
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
                  3.828E-02
      335
                  4.827E-02
      336
                                                                                                                            0.000E+00
                  5.138E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       4.501E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                 0.000E+00
      337
                  4.182E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       3.663E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                       4.181E-03
4.601E-03
4.203E-03
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      339
                  4.772E-02
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                  5.254E-02
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
      340
                  4.800E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                       4.922E-03
4.545E-03
4.035E-03
      342
                  5.621E-02
                                   0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                     0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                  5.191E-02
      343
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       4.501E-03
2.611E-03
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
                  5.140E-02
                                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                  2.983E-02
      346
                                                                       1.162E-03
1.956E-03
2.324E-03
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                                     0.000E+00
                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                  0.000E+00
                  1.325E-02
                                   0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
      348
                  2 234E-02
                                                     0.000E+00
                                                                                                                            0 000E+00
                                                                                                                                                                                  0.000E+00
                                                     0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                  0.000E+00
                  2.655E-02
                                                                                                                                              0.000E+00
      349
                                   0.000E+00
                                                     0.000E+00
                                                                       2.594E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                       3.176E-03
3.068E-03
3.365E-03
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
      351
                 3.628E-02
3.505E-02
                                   0.000E+00
                                                     0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                     0.000E+00
      352
                  3.844E-02
                                                     0.000E+00
                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
      354
                  3.990E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       3.494E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                  11/07/95 09:51:16
                                                                                                                                                                                  Page -
                                                     0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                 4.443E-02
6.053E-02
                                   0.000E+00
0.000E+00
0.000E+00
                                                                       3.889E-03
5.299E-03
5.913E-03
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                     0.000E+00
                                                     0.000E+00
0.000E+00
      357
                  6.755E-02
                                                                                                          0.000E+00
                  5.996E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       5.249E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                       5.082E-03
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      360
                  5.804E-02
                                                                                                                            0.000E+00
                 6.455E-02
3.996E-02
                                                                       5.651E-03
                                                                                                                            0.000E+00
      361
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                                     0.000E+00
                                                                       3.499E-03
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
                 4.062E-02
3.062E-02
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       3.559E-03
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      363
                                                                       2.681E-03
                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
      364
                                                                                                                            0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                  4.231E-02
                                   0.000E+00
                                                     0.000E+00
                                                                       3.705E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                                 0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                     0.000E+00
0.000E+00
                                                                       4.574E-03
4.552E-03
                                                                                                          0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      366
                  5.222E-02
                                   0.000E+00
                                                                                                                            0.000E+00
                  5.197E-02
                                                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                              0.000E+00
                                   0.000E+00
      367
                                                     0.000E+00
                                                                                                                            0.000E+00
      368
                                   0.000E+00
                                                                       3.473E-03
                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                 0.000E+00
                 5.607E-02
5.376E-02
                                                                       4.911E-03
4.707E-03
                                   0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                 0.000E+00
0.000E+00
      369
      370
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

4.969E-03

0.000E+00

0.000E+00

5.675E-02

```
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                5.209E-02
                                0.000E+00
                                                 0.000E+00
                                                                  4.561E-03
                                                                 4 232E-03
4 716E-03
2 564E-03
                4.834E-02
5.386E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
     373
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     374
                                0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                1,850E-02
                                0.000E+00
                                                 0.000E+00
                                                                 1.621E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0 000E+00
     376
                                                 0.000E+00
0.000E+00
                                                                 2.287E-03
2.412E-03
3.175E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                2.612E-02
2.755E-02
3.627E-02
3.852E-02
                                                                                                                  0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     377
                                0.000E+00
                                0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
     378
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
     379
                                0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                 0.000E+00
                                                                 3.371E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
     380
                                                                 3.460E-03
3.771E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
     381
                3.953E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                4.307E-02
5.351E-02
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
     382
                                0 000E+00
                                0.000E+00
                                                 0.000E+00
                                                                  4.683E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     383
                4.993E-02
                                0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 4.373E-03
5.971E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
     385
                6.821E-02
7.039E-02
                                0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                  6.161E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     386
                                                                 4.972E-03
5.901E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                5.680E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                6.741E-02
6.776E-02
5.822E-02
                                0.000E+00
     388
                                                                 5.931E-03
5.096E-03
2.773E-03
                                0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     389
                                                 0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                3.168E-02
                                0.000E+00
     391
                                                                 3.558E-03
3.749E-03
2.998E-03
                                                                                                                  0.000E+00
                4.063E-02
                                0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     392
                                                 0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                4.279E-02
                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                0.000E+00
     394
                3.424E-02
                4.669E-02
                                0.000E+00
                                                 0.000E+00
                                                                  4.089E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     395
                                                                                                                                                   0.000E+00
0.000E+00
                5.613E-02
5.043E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 4.917E-03
4.418E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
     397
                5.332E-02
5.620E-02
5.566E-02
                                0.000E+00
                                                 0.000E+00
                                                                  4.670E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
     398
                                                 0.000E+00
                                                                  4.922E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
     399
                                0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                  4.874E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     400
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                5.291E-02
                                0.000E+00
                                                                  4.632E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
      401
                                                                 4.435E-03
4.839E-03
                                                                                 0.000E+00
0.000E+00
                5.067E-02
5.527E-02
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
     402
                                0.000E+00
                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     403
                                                                 2.435E-03
2.040E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                2.782E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
     404
                2.329E-02
2.984E-02
                                                 0.000E+00
                                                                                                                  0.000E+00
     405
                                0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                  2.612E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
     406
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQ
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                               Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                       11/07/95 09:51:16
                                                                                                                                                                     Page -
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                  0 000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                                                 0.000E+00
                                                                 3.047E-03
                                                                                 0 000E+00
                3 481E-02
                                0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 3.630E-03
3.510E-03
4.093E-03
5.071E-03
5.205E-03
                4.147E-02
4.010E-02
                                0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     408
                                                                                                                                                   0.000E+00
0.000E+00
     409
                                0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                4.674E-02
5.794E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
     410
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     411
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                5.945E-02
                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                7.555E-02
7.089E-02
                                0.000E+00
0.000E+00
                                                                 6.612E-03
     413
                                                                 6.205E-03
5.988E-03
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                6.841E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                                                   0.000E+00
                                                                 6.467E-03
5.772E-03
                                0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                7.388E-02
     416
                6.594E 02
5.015E-02
                                0.000E100
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
     417
     418
                                0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 4.390E-03
4.761E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                5.438E-02
                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     419
                4.484E-02
                                0.000E+00
                                                 0.000E+00
                                                                 3.928E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     420
                                                                 3.276E-03
3.594E-03
3.953E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
     421
                3.737E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                  0 000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                4.104E-02
4.512E-02
                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
     422
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     423
                                                                 3.315E-03
4.534E-03
5.205E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                3.786E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                5.176E-02
5.942E-02
                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     425
     426
                                0,000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                4.576E-02
                                0.000E+00
                                                 0.000E+00
                                                                  4.009E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     427
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
     428
                5.948E-02
5.276E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 5.208E-03
4.620E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0 000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     429
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                5.797E-02
                                0.000E+00
                                                 0.000E+00
                                                                  5.075E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
     431
                5.446E-02
                                0.000E+00
                                                 0.000E+00
                                                                 4.766E-03
4.971E-03
                                                                                                                  0.000E+00
                5.678E-02
2.492E-02
                                                                                                                  0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     432
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                  2.181E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                2.757E-02
3.192E-02
                                                                 2.414E-03
2.795E-03
                                                                                                  0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
     434
                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     435
                                                                                                                                                                   0.000E+00
0.000E+00
     436
                4.318E-02
                                0.000E+00
                                                 0.000E+00
                                                                  3.779E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                 3.511E-03
4.465E-03
5.546E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
     437
                4.011E-02
5.099E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                  0.000E+00
     438
                6.337E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     439
                                                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                7.015E-02
8.158E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 6.141E-03
7.139E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
     440
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
     441
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                6.811E-02
                                0.000E+00
                                                 0.000E+00
                                                                  5.961E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                7.918E-02
7.476E-02
                                                                 6.931E-03
6.544E-03
                                                                                 0.000E+00
0.000E+00
     443
                                0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                 0.000E+00
                                                                                                                                                                   0.000E+00
                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
     444
     445
                5.800E-02
                                0.000E+00
                                                 0.000E+00
                                                                  5.077E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                 5.182E-03
5.334E-03
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                5.919E-02
                                0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
     447
                6.094E-02
                                0.000E+00
                                                 0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                  4.885E-03
                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     448
                5.581E-02
                                                                                                                  0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                4.252E-02
4.761E-02
                                0.000E+00
                                                 0.000E+00
                                                                 3.722E-03
4.170E-03
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                 0.000E+00
0.000E+00
                                0.000E+00
     450
                                0.000E+00
                                                                  3.870E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     451
                4.416E-02
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                4.107E-02
                                0.000E+00
                                                 0.000E+00
                                                                 3.596E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                    0.000E+00
     453
                4.764E-02
                                0 000E+00
                                                 0.000E+00
                                                                  4.173E-03
                                                                                                  0 000E+00
                4.162E-02
                                0.000E+00
                                                 0.000E+00
                                                                  3.645E-03
                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
     454
                                                                                                                  0.000E+00
     455
                5.800E-02
                                0.000E+00
                                                 0.000E+00
                                                                  5.081E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                   0,000E+00
                                                                                                                                                                    0.000E+00
                                                                 5.298E-03
5.344E-03
                                                                                                                                   0.000E+00
0.000E+00
     456
                6.048E-02
                                0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                6.102E-02
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                                0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
     457
                5.759E-02
                                0.000E+00
                                                 0.000E+00
                                                                  5.042E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
   LDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP *
put File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                                  VERS. 93288
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                       11/07/95
                                                                                                                                                      09:51:16
                                                                                                                                                                     Page -
                6.032E-02
                                0.000E+00
                                                 0.000E+00
                                                                  5.282E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
                5.801E-02
                                0.000E+00
                                                 0.000E+00
                                                                 5.077E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                    0.000E+00
```

4623 4645 4667 4667 4771 4775 4777 4778 4777 4778 4778 4778 4778	6.058E-02 2.444E-02 3.388E-02 4.480E-02 4.480E-02 4.480E-02 8.451E-02 8.5691E-02 8.660E-02 8.660E-02 8.660E-02 8.660E-02 8.751E-02	0.000E+00 0.000E+00	0.000E+00	5.304E-03 2.142E-03 2.965E-03 3.920E-03 4.881E-03 6.129E-03 7.133E-03 7.133E-03 7.137E-03 7.197E-03 7.197E-03 5.930E-03 5.930E-03 4.295E-03 4.295E-03 4.295E-03 4.295E-03 4.295E-03 4.295E-03 5.295E-03 5.295E-03 6.295E-03 6.295E-03 6.325E-03 7.335E-03 8.035E	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00
503 504 505 506 507 508 509	1.984E-02 1.299E-02 5.400E-02 5.612E-02 5.416E-02 4.701E-02 5.275E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.737E-03 1.139E-03 4.728E-03 4.915E-03 4.744E-03 4.120E-03 4.619E-03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
510 GOLDEN QUEE	4,849E-02 N MINING - 8	0.000E+00	0.000E+00 PROJECT - ALI	4.249E-03 L RECEPTORS.	0.000E+00 1991 MET, TS g:\ace\GQ91	0.000E+00 SP *	0,000Σ+00	0.000E+00	0.000E+00 E2588 MODEL	0.000E+00 VERS, 93288 * Page - 101
511 512 513 514 516 517 519 522 522 522 522 522 523 524 529 531 532 533 533 534 542 544 545 544 544 545 544 545 544 555 555 566 57 57 57 57 57 57 57 57 57 57 57 57 57	5.357E-02 5.319E-02 8.746E-02 5.746E-02 5.746E-02 6.5940E-02 1.012E-01 1.005E-01 1.005E-01 1.005E-02 2.7961E-02 2.440E-02 2.795E-02 2.1695E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 2.519E-02 3.575E-02 4.625E-01 1.100E-01 1.100E-01 1.100E-01 1.100E-01 2.302E-02 2.302E-02 2.302E-02 2.302E-02 2.302E-02 2.302E-02 2.302E-02 2.302E-02 3.575E-02 3.744E-02	0.000E+00	0.000E+00	4.692E-03 4.660E-03 7.670E-03 5.063E-03 3.358E-03 4.408E-03 5.772E-03 7.858E-03 8.859E-03 8.859E-03 6.968E-03 6.968E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 1.485E-03 2.207E-03 2.407E-03 2.407E-03 3.925E-03 4.455E-03 5.375E-03 5.393E-03 4.906E-03 5.393E-03 4.906E-03 7.795E-03 7.478E-03	0.000E+00	0.000E+00	0.000E+00	O.000E+00	0.000E+00	0.000E+00

```
3.474E-03
4.198E-03
3.592E-03
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          0.000E+00
                                              0.000E+00
0.000E+00
                                                                             0.000E+00
               3.967E-02
                              0.000E+00
    554
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
     555
               4.799E-02
                              0.000E+00
               4.106E-02
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                              0.000E+00
    556
557
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
               5.375E-02
                              0.000E+00
                                              0 000E+00
                                                             4.702E-03
4.759E-03
                                                                             0 000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
    558
               5.440E-02
                              0 000E+00
                                                                                                                                                          0.000E+00
                                                                                            0.000E+00
0.000E+00
                                              0.000E+00
                                                             5.295E-03
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0 000E+00
    559
560
               6.049E-02
                              0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
               6.66E-02
                              0.000E+00
                                              0.000E+00
0.000E+00
                                                             5.836E-03
5.226E-03
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                          0.000E+00
                              0.000E+00
     561
               5.964E-02
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                              0.000E+00
                                                             6.033E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
               6.882E-02
                              0.000E+00
     562
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                          OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 102
                                                                                                                                                                     102
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                           g:\ace\GQ91\GQTPACE.OUT
                                                          Output File:
                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                                              0.000E+00
                                                                             0.000E+00
               8.716E-02
                              0.000E+00
                                                             7.711E-03
              1.610E-01
1.421E-01
                                                             1.413E-02
1.245E-02
1.082E-02
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
                                                                                            0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
     564
                                                                                                                                                          0.000E+00
     565
                              0 000E+00
                                              0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
                              0.000E+00
     566
               1.236E-01
9.971E-02
                                                                                                                                                          0.000E+00
                                                             8.726E-03
8.118E-03
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
     567
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
               9.276E-02
     568
                                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                             5.689E-03
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               6.499E-02
3.611E-02
     569
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             3.161E-03
                                                                                            0.000E+00
     570
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                             3.178E-03
                                                                                                            0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
               3.629E-02
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
                                                             3.516E-03
                                                                                                                           0.000E+00
               4.016E-02
                                                                                                                                                          0.000E+00
                                                                                                                           0.000E+00
               4.477E-02
                                                             3.920E-03
4.196E-03
                              0.000E+00
                                              0.000E+00
                                                                             0.000E+00
     573
                                                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
               4.793E-02
               4.947E-02
                                                             4.331E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
     575
                                                                                                                                                          0.000E+00
                                                                                                                           0.000E+00
     576
               4.953E-02
                              0.000E+00
                                              0.000E+00
                                                             4.337E-03
4.235E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                              0.000E+00
     577
               4.837E-02
                              0.000E+00
                              0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                              4.052E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                                           0.000E+00
               4.629E-02
     578
                                                             3.815E-03
4.306E-03
                                                                                                                           0.000E+00
                                                                             0.000E+00
0.000E+00
     579
               4.357E-02
                               0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                              0.000E+00
0.000E+00
     580
               4.921E-02
                                              0.000E+00
                                                              4.613E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
               5 273E-02
     581
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               5.569E-02
5.209E-02
5.619E-02
                                                             4.872E-03
4.557E-03
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                              0.000E+00
                                              0.000E+00
     582
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                              0.000E+00
     583
                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                              4.917E-03
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
     584
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
     585
               5.530E-02
                              0.000E+00
                                              0.000E+00
                                                              4.839E-03
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                              0.000E+00
                                                              6.102E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                              0.000E+00
     586
               6.971E-02
7.609E-02
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              6.663E-03
                                                                                                            0.000E+00
     587
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                              0.000E+00
0.000E+00
                                                             1.280E-02
               1.463E-01
                                              0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                              0.000E+00
                                                              8.807E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
     589
               1.006E-01
                                                                                                                                                          0.000E+00
0.000E+00
                                                             5.456E-03
4.750E-03
                                                                                                                           0.000E+00
               6.233E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
     590
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                              0.000E+00
0.000E+00
               5.426E-02
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                              5.106E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                              0.000E+00
     592
               5.832E-02
                                                                                                                           0.000E+00
               6.041E-02
                               0.000E+00
                                              0.000E+00
                                                              5.288E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
     593
                                                                                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                             0.000E+00
                                                             5.267E-03
5.063E-03
                                                                                            0.000E+00
     594
               6.017E-02
                               0.000E+00
                                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                             0.000E+00
                               0.000E+00
     595
               5.784E-02
5.399E-02
                                                                             0.000E+00
0.000E+00
                                                                                                                            0.000E+00
     596
                               0.000E+00
                                              0.000E+00
                                                              4.726E-03
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                              4.311E-03
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
     597
               4.925E-02
                                              0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                              3.866E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
               4.417E-02
3.912E-02
     598
                                                                                                                            0.000E+00
     599
                               0.000E+00
                                              0.000E+00
                                                             3.424E-03
3.006E-03
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                                                                                            0.000E+00
               3.434E-02
2.997E-02
                               0.000E+00
                                              0.000E+00
     600
                               0.000E+00
                                              0.000E+00
                                                              2.623E-03
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          0 000E+00
     601
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                                                             2.281E-03
1.093E-02
                               0.000E+00
                                                                             0.000E+00
0.000E+00
               2.607E-02
                                              0.000E+00
                                                                                            0.000E+00
     602
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               1.248E-01
1.301E-01
                               0.000E+00
                                              0.000E+00
     603
                                              0.000E+00
                                                              1,140E-02
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
                               0.000E+00
     604
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                                                             1.193E-02
1.254E-02
                                                                             0.000E+00
0.000E+00
     605
               1.362E-01
                               0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
     606
               1.432E-01
                               0.000E+00
                                              0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
               1.516E-01
                               0.000E+00
                                              0.000E+00
                                                              1.328E-02
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
     607
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                                                             1.418E-02
1.534E-02
                                                                                                            0.000E+00
               1.620E-01
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
     608
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                             0.000E+00
               1.752E-01
                               0.000E+00
                                              0.000E+00
     609
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                             6.423E-03
6.340E-03
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
     610
               7.332E-02
7.242E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                               0.000E+00
     611
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                          0.000E+00
                                                              6.096E-03
5.511E-03
                                                                                             0.000E+00
               6.963E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                              0.000E+00
               6.295E-02
     613
                              0.000E+00
                                                                                                                                                          0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                               0.000E+00
               5.445E-02
     614
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, Input File: g:\ace\GQ91\GQTPACE.DAT Output File:
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                           1991 MET, TSP
                                                                           g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                      103
                                                                                                                               11/07/95
                                                                                                                                             09:51:16
                                                                                                                                                           Page -
                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
               4 583E-02
                               0=000E+00
                                              0.000E+00
                                                              4.011E-03
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                              3.558E-03
                                                                             0.000E+00
               4.064E-02
                               0.000E+00
     616
                                                             3.395E-03
3.236E-03
3.084E-03
     617
               3.878E-02
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               3.696E-02
3.522E-02
                                              0.000E+00
     618
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
0.000E+00
     619
                                                             2.940E-03
2.805E-03
               3.358E-02
                                              0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
     620
                               0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               3.204E-02
     621
                               0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                              2.679E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                               0.000E+00
               3.060E-02
     622
                                                                                                                            0.000E+00
     623
               2.926E-02
                               0.000E+00
                                              0.000E+00
                                                              2.562E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                            0.000E+00
                                              0.000E+00
0.000E+00
                                                             2.452E-03
1.916E-02
                                                                             0.000E+00
               2.801E-02
                               0.000E+00
                                                                                             0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
               2.188E-01
     625
                               0.000E+00
                                                                                                                                           0.000E+00
                                                                                            0.000E+00
0.000E+00
                                              0.000E+00
                                                              1.987E-02
                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
               2.269E-01
                               0.000E+00
     626
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               2.353E-01
                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
                               0.000E+00
                                                             2.060E-02
2.139E-02
                                                                             0.000E+00
     627
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
               2.443E-01
2.545E-01
                               0.000E+00
     628
                                                             2.228E-02
2.342E-02
2.513E-02
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0 000E+00
     629
                               0.000E+00
                                                                                             0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
               2.675E-01
                                              0.000E+00
0.000E+00
                                                                             0.000E+00
     630
                               0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
               2.870E-01
3.209E-01
                               0.000E+00
     631
                                                              2.809E-02
4.570E-03
                                                                                                                                           0.000E+00
                                                                                                                            0 000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
     632
                               0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                             0.000E+00
               5.219E-02
                               0.000E+00
                                              0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                              4.098E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                              0.000E+00
                               0:000E+00
     634
               4.682E-02
                                                                                                                                           0.000E+00
     635
               4.226E-02
                               0.000E+00
                                               0.000E+00
                                                              3.699E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                              3.404E-03
3.167E-03
                                                                                                            0.000E+00
                                              0.000E+00
0.000E+00
               3.889E-02
                               0.000E+00
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               3.618E-02
     637
                               0.000E+00
                                                              2.965E-03
2.789E-03
2.633E-03
                                                                                                                                                          0.000E+00
               3.388E-02
                               0.000E+00
                                               0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
     638
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
               3.187E-02
                               0.000E+00
                                              0.000E+00
0.000E+00
                                                                             0 000E+00
                                                                                             0.000E+00
                                                                                                            0.000E+00
                                                                                             0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                             0.000E+00
               3.009E-02
                               0.000E+00
     640
               2.850E-02
                                                                                                                                           0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              2.494E-03
                                                                             0.000E+00
                                                                                             0.000E+00
                                                                                                            0 000E+00
                                                                                                                            0.000E+00
                                                                                                            0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                          0.000E+00
                                                                             0.000E+00
                                                                                             0.000E+00
               2 707E-02
                               0.000E+00
                                              0.000E+00
                                                              2.369E-03
```

```
0.000E+00
0.000E+00
                                                                 2.256E-03
2.153E-03
2.058E-03
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     643
                2.577E-02
2.459E-02
                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      644
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      645
                2.352E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
      646
                2.253E-02
2.162E-02
                                 0 000E+00
                                                 0 000E+00
                                                                 1.972E-03
                                                                                  0.000E+00
                                                 0.000E+00
                                                                 1.892E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                 0.000E+00
                                                                                  0,000E+00
                                                                                                                                   0.000E+00
     647
                1.724E-01
1.705E-01
1.674E-01
                                                                 1.509E-02
1.492E-02
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
      648
                                 0.000E100
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
      649
                                                 0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 1.465E-02
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      650
                                                 0.000E+00
0.000E+00
                                                                 1.428E-02
1.385E-02
                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0 000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                1.632E-01
                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
      652
                1.582E-01
                                                                 1.345E-02
1.319E-02
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
      653
                                 0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                  0.000E+00
      654
                1.508E-01
                                 0.000E+00
                                                 0.000E+00
                                                                 1.299E-02
7.763E-03
4.468E-03
                                 0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                1.485E-01
      655
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                8.872E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
      656
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
      657
                5.097E-02
                                 0.000E+00
                                                 0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 3.668E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                4.191E-02
      658
                                                                                 0.000E+00
0.000E+00
0.000E+00
                4.278E-02
                                 0.000E+00
                                                 0.000E+00
                                                                 3.745E-03
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
     659
                                                                 3.611E-03
                4.124E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 3.339E-03
                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                3.813E-02
      661
                                                                 2.994E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                3.418E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
      662
                                                                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                 2,631E-03
      663
                3.003E-02
                                 0.000E+00
                2.611E-02
2.260E-02
                                                 0.000E+00
                                                                 2.287E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                 0.000E+00
      664
                                                                 1.980E-03
1.782E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                 0.000E+00
                2.035E-02
                                 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 104
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                    Page -
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                1.889E-02
1.731E-02
1.569E-02
                                                                 1.654E-03
1.516E-03
1.375E-03
                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
     668
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 1.334E-03
1.306E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
      670
                1.523E-02
                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                1.491E-02
                                 0 000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      671
                1.455E-02
5.174E-02
5.830E-02
                                                                 1.274E-03
4.543E-03
5.112E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
      673
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      674
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                6.387E-02
7.093E-02
7.896E-02
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 5.601E-03
                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                 6.224E-03
6.926E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
      676
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      677
                                 0.000E+00
                                                 0.000E+00
                                                                 6.906E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      678
                7.858E-02
                                                                 7.627E-03
7.267E-03
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
      679
                8.696E-02
8.295E-02
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
      680
                                                                 1.162E-02
1.074E-02
                1.326E-01
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
      681
                                                                                 0.000E+00
0.000E+00
      682
                1.225E-01
                                 0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                 0.000E+00
                                                                 1.564E-02
                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                1.787E-01
      683
                                                                 2.241E-02
5.112E-03
3.519E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
      684
                2.562E-01
                                 0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
      685
                5.838E-02
                                 0.000E+00
                4.011E-02
                                 0.000E+00
                                                                                                  0,000E+00
                                                                                                                  0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     686
                3.519E-02
2.967E-02
                                                                                                                                                  0.000E+00
0.000E+00
      687
                                 0.000E+00
                                                 0.000E+00
                                                                 3.087E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
                                                                 2.596E-03
2.854E-03
2.948E-03
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
      688
                                 0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                  0,000E+00
                                                                                                                  0.000E+00
                3.260E-02
                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
     689
                                                                                                                                                  0.000E+00
0.000E+00
                3.368E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                 2.909E-03
2.776E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                3.323E-02
3.170E-02
                                 0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
      691
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
     692
                2.953E-02
2.708E-02
2.457E-02
                                 0.000E+00
                                                 0.000E+00
                                                                 2.586E-03
2.372E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                 0.000E+00
      694
                                 0.000E+00
                                                                 2.152E-03
1.941E-03
1.744E-03
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     695
                                 0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
      696
                2.216E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                1.991E-02
1.917E-02
                                 0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
      697
                                 0.000E+00
                                                                 1.678E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     698
                1.848E-02
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 1.619E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
      699
                1.761E-02
5.154E-02
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                 1.543E-03
4.522E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
      700
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      701
                4.401E-02
                                 0.000E+00
                                                 0.000E+00
                                                                 3.864E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      702
                                                                 3.864E-03
5.394E-03
5.332E-03
6.727E-03
7.272E-03
7.043E-03
7.923E-03
1.053E-02
1.159E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
      703
                6.135E-02
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                6.070E-02
7.660E-02
                                0.000E+00
0.000E+00
      704
                                                 0.000E+00
      705
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
      706
                8.284E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
      707
                8.023E-02
                9.043E-02
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      708
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                1.202E-01
                                 0.000E+00
                                                 0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                  0 000E+00
      709
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
      710
                1.325E-01
                                                 0.000E+00
                1.638E-01
                                 0.000E+00
                                                 0.000E+00
                                                                 1.434E-02
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
      711
                2.235E-01
                                 0.000E+00
                                                 0.000E+00
                                                                 1.956E-02
4.756E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
     713
714
                5.432E-02
4.771E-02
                                 0.000E+00
                                                 0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                 4.179E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                4.038E-02
                                 0.000E+00
                                                                 3.540E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
     716
717
                2.956E-02
2.317E-02
                                0.000E+00
0.000E+00
                                                                 2.593E-03
                                                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                 2.028E-03
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                 0.000E+00
                                                 0.000E+00
                                                                  1.964E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0 000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                2.242E-02
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                      11/07/95
                                                                                                                                                    09:51:16
                                                                                                                                                                    Page -
                                                                                                                                                                              105
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                2.484E-02
                                 0.000E+00
                                                                 2.174E-03
                                                                 2.174E-03
2.336E-03
2.406E-03
2.399E-03
2.334E-03
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                2.669E-02
                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
     720
                                 0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
     721
722
                                                                                                                                                  0.000E+00
0.000E+00
                2.749E-02
2.740E-02
                                                 0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
      723
                2.665E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
     724
725
                2.545E-02
2.398E-02
                                0.000E+00
0.000E+00
                                                                 2.228E-03
2.100E-03
1.959E-03
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
      726
                2.237E-02
                                 0.000E+00
                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
     727
728
                2.074E-02
                                 0.000E+00
                                                 0.000E+00
                                                                 1.816E-03
                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0 000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                 0.000E+00
0.000E+00
                1.913E-02
5.609E-02
                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                 1.676E-03
                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
     729
                                 0.000E+00
                                                 0.000E+00
                                                                 4.918E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
     730
731
                6.057E-02
                                0.000E+00
                                                 0.000E+00
                                                                 5.322E-03
                                                                                  0.000E+00
                                                                                                  0 000E+00
                                                                                                                  0 000E+00
                                                                                                                                  0 000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

5.619E-03

0.000E+00

6.396E-02

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                                  0.000E+00
                                                                    6.009E-03
                                                                                     0.000E+00
                6.843E-02
     732
     733
734
735
                                                                                                                                                                          0.000E+00
                                                  0.000E+00
0.000E+00
                                                                   5.097E-03
7.142E-03
                                                                                                                       0.000E+00
                                                                                                                                                         0.000E+00
                 5.806E-02
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                8.140E-02
7.571E-02
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                  0.000E+00
                                                                    6.650E-03
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0 000E+00
                                                                                                                                        0 000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                          0.000E+00
                1.097E-01
                                  0.000E+00
                                                  0.000E+00
                                                                    9.608E-03
                                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                 0.000E+00
0.000E+00
                                                  0.000E+00
                                                                   1.018E-02
     737
                1,163E-01
     738
                                                  0.000E+00
                                                                   1.251E-02
1.561E-02
                                                                                    0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
     739
                1.783E-01
                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                                                                         0.000E+00
                                                  0.000E+00
                                                                    1.637E-02
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                          0.000E+00
                1.870E-01
     740
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                  0.000E+00
                                                                    5.481E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                                          0.000E+00
                 5.592E-02
                                 0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                       0 000E+00
                                                                                                                                                                         0 000E+00
                                                                    4.893E-03
                                                                                                      0 000E+00
                3.963E-02
3.970E-02
                                                                    3.472E-03
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
     743
                                  0.000E+00
                                                  0.000E+00
                                                                    3.480E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                2.890E-02
                                                  0.000E+00
0.000E+00
                                                                    2 535E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                    1.686E-03
                                                                                                      0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                       0.000E+00
                1.926E-02
2.202E-02
     746
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                  0.000E+00
                                                                   1.928E-03
                                                                                    0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                    0.000E+00
                                                                                                                                        0.000E+00
                2.111E-02
2.145E-02
2.122E-02
                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                  0.000E+00
0.000E+00
                                                                   1.849E-03
                                                                                                                                                                         0.000E+00
                                                                    1.878E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
     749
                                                                   1.857E-03
1.968E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
      750
                                                  0.000E+00
                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                2.248E-02
2.310E-02
2.318E-02
                                 0.000E+00
0.000E+00
                                                  0.000E+00
     751
     752
753
754
755
                                                  0.000E+00
                                                                    2.023E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                                                                   2.030E-03
1.998E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                  0.000E+00
                                                   0.000E+00
                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                  0.000E+00
                2.282E-02
2.214E-02
                                 0.000E+00
0.000E+00
                                                   0.000E+00
                                                                    1.939E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                                                   1.860E-03
5.171E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                2.124E-02
                                  0.000E+00
                                                  0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                2.124E-02
5.887E-02
6.401E-02
5.545E-02
6.717E-02
6.909E-02
7.344E-02
7.918E-02
                                                                                                                       0.000E+00
                                                  0.000E+00
0.000E+00
     757
758
                                 0.000E+00
0.000E+00
                                                                    5.605E-03
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                                                                   4.870E-03
5.895E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
     759
                                  0.000E+00
                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                         0.000E+00
     760
761
                                 0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                   0.000E+00
                                                                    6.064E-03
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                   6.449E-03
6.955E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                       0.000E+00
     762
                                                                                                                       0.000E+00
                                                                                                                                                         0.000E+00
     763
                9.257E-02
                                  0.000E+00
                                                   0.000E+00
                                                                    8.107E-03
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
     764
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                   1.010E-02
1.092E-02
                                                                                    0.000E+00
0.000E+00
                1.154E-01
                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0 000E+00
                                                                                                                                                                          0.000E+00
                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                                          0.000E+00
     766
767
                1.246E-01
                1.866E-01
                                  0.000E+00
                                                   0.000E+00
                                                                    1.633E-02
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                                                   1.363E-02
4.313E-03
5.957E-03
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
     768
                1.557E-01
4.927E-02
                                  0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
     769
                6.804E-02
                                                  0.000E+00
                                                                                     0,000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                     OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 106
                                                                                                      0.000E+00
                                                                                                                                        0.000E+00
                                 0.000E+00
                                                  0.000E+00
                                                                    5.936E-03
                                                                                     0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                6.786E-02
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
     772
773
774
775
                4.820E-02
                                 0.000E+00
                                                  0.000E+00
                                                                    4.221E-03
                                                                                     0.000E+00
                                                                                                     0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                3.256E-02
3.640E-02
2.622E-02
                                 0.000E+00
0.000E+00
0.000E+00
                                                                   2.853E-03
3.191E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                                  0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                  0.000E+00
                                                                   2.299E-03
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
     776
777
                1.461E-02
1.885E-02
                                                  0.000E+00
0.000E+00
                                                                   1.279E-03
                                                                   1.650E-03
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                                                                   1.823E-03
1.735E-03
1.734E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                2.081E-02
                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
     779
780
                                                  0.000E+00
0.000E+00
                1.980E-02
                                 0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                1.981E-02
                1.986E-02
                                 0.000E+00
                                                  0.000E+00
                                                                   1.739E-03
1.614E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                1.844E-02
1.937E-02
                                 0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
     782
                                                                   1.696E-03
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
     783
                                                                   1.740E-03
1.754E-03
5.268E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                1.988E-02
                                 0.000E+00
                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0 000E+00
                                                                                                                                        0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                2.003E-02
                                                  0.000E+00
0.000E+00
     785
                6.002E-02
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
     786
                                 0.000E+00
                                                  0.000E+00
                                                                   3.926E-03
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
     787
                4.471E-02
                                                                   4.836E-03
5.300E-03
                                 0.000E+00
0.000E+00
0.000E+00
                5.510E-02
                                                  0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                6.037E-02
     789
                                                                   5.327E-03
5.872E-03
                                                                                                                                                        0.000E+00
0.000E+00
                6.064E-02
                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
     790
                                                                                                                                        0.000E+00
     791
                                                                                                                                                                         0.000E+00
0.000E+00
                6.684E-02
                                 0.000E+00
                                                  0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                   8.032E-03
7.960E-03
                                                  0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        0.000E+00
                                 0.000E+00
0.000E+00
     792
793
                9.171E-02
9.092E-02
                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                   1.009E-02
1.199E-02
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
     794
                1.153E-01
                                                                                                                       0 000E+00
                                                                                                                       0.000E+00
                1 369E-01
     795
     796
                1.861E-01
                                 0.000E+00
                                                  0.000E+00
                                                                    1.629E-02
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                1.305E-01
                                 0.000E+00
                                                  0.000E+00
                                                                   1.143E-02
4.152E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
     797
                                                                                                                       0.000E+00
     798
                4.743E-02
6.459E-02
                                 0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                    5.655E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
     799
                                                                   4.504E-03
3.840E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                5.143E-02
                                 0.000E+00
                                                  0.000E+00
                                                  0.000E+00
0.000E+00
     801
                4.385E-02
                                 0.000E+00
                                                                   3.753E-03
2.543E-03
2.944E-03
                4.285E-02
                                 0.000E+00
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
     802
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                2.902E-02
                                 0.000E+00
                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                                       0.000E+00
     803
                                                                                    0.000E+00
                                                                                                                       0.000E+00
                                                  0.000E+00
0.000E+00
     804
                3.359E-02
                                 0.000E+00
     80.5
                2.423E-02
                                 0.000E+00
                                                                   2.125E-03
                                                                                    0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                1.170E-02
                                  0.000E+00
                                                  0.000E+00
                                                                   1.026E-03
                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
     807
                1.500E-02
                                 0.000E+00
                                                  0.000E+00
                                                                   1.313E-03
                                                  0.000E+00
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                1.834E-02
                                  0.000E+00
                                                                    1,605E-03
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
     808
                1.968E-02
                                  0.000E+00
                                                   0.000E+00
                                                                    1.723E-03
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
                                                                                     0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                         0.000E+00
                1.858E-02
1.823E-02
                                 0.000E+00
0.000E+00
                                                  0.000E+00
0.000E+00
                                                                   1.627E-03
1.596E-03
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
     810
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
     811
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
     812
                1.875E-02
                                  0.000E+00
                                                  0.000E+00
                                                                    1.642E-03
                                                                                     0.000E+00
                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
                1.787E-02
1.628E-02
                                 0.000E+00
0.000E+00
                                                                   1.565E-03
1.425E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
     813
                                                  0.000E+00
                                                                                                                                        0.000E+00
                                                   0.000E+00
                                                                                                                                        0.000E+00
     ADOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:
```

0.000E+00 0.000E

```
NTXPM
    ECEPTOR
                             Zn
                                            1.739E+03
7.474E+02
                      0.000E+00
           1
                      0.000E+00
                                             7.104E+02
           3
                      0.000E+00
                      0.000E+00
0.000E+00
                                             2.145E+03
2.088E+03
                      0.000E+00
0.000E+00
                                             2.017E+03
                                            1.232E+03
1.483E+03
1.555E+03
1.945E+03
1.638E+03
                      0.000E+00
                      0.000E+00
0.000E+00
0.000E+00
         10
11
                      0.000E+00
0.000E+00
0.000E+00
                                            1.886E+03
5.459E+03
5.430E+03
         12
13
14
15
16
17
18
19
                                            5.316E+03
4.741E+03
1.079E+03
2.056E+03
1.960E+03
                      0.000E+00
0.000E+00
                      0.000E+00
                      0.000E+00
0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
         20
21
22
23
24
25
26
27
28
29
                                             2.499E+03
                                             2.268E+03
2.197E+03
1.986E+03
                     0.000E+00
0.000E+00
                                             1.925E+03
3.121E+03
                      0.000E+00
                                             3.181E+03
                      0.000E+00
                                             5,566E+03
                      0.000E+00
0.000E+00
                                             6.787E+03
                                             6.786E+03
         30
31
                      0.000E+00
0.000E+00
                                             5.657E+03
3.222E+03
         32
33
34
35
                      0.000E+00
                                             3.252E+03
5.755E+03
                      0.000E+00
                                             6.794E+03
6.769E+03
                      0.000E+00
                      0.000E+00
                                            6.711E+03
6.600E+03
7.294E+03
                      0.000E+00
         36
                      0.000E+00
                      0.000E+00
0.000E+00
         38
                                             1.013E+04
         39
                                            1.161E+04
5.632E+03
5.100E+03
         40
                      0.000E+00
                      0.000E+00
                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 108
                      0.000E+00
0.000E+00
0.000E+00
                                             5.103E+03
3.492E+03
3.785E+03
                                             5.161E+03
4.510E+03
                      0.000E+00
         47
                      0.000E+00
                                             3.933E+03
         48
                      0.000E+00
                      0.000E+00
                                             5.771E+03
                                             6.311E+03
7.674E+03
         50
52
53
55
55
55
56
57
60
61
                      0.000E+00
0.000E+00
                      0.000E+00
0.000E+00
0.000E+00
                                             8.598E+03
                                             3.866E+03
3.321E+03
                      0,000E+00
                                             2.892E+03
                                             2.549E+03
2.260E+03
                      0.000E+00
0.000E+00
                      0.000E+00
                                             2.074E+03
                     0.000E+00
0.000E+00
0.000E+00
                                             1.907E+03
                                             2.168E+03
2.250E+03
         62
63
64
                                             2.449E+03
2.497E+03
2.437E+03
                      0.000E+00
                     0.000E+00
0.000E+00
                                             2.251E+03
3.866E+03
4.357E+03
         65
66
67
                      0.000E+00
                      0.000E+00
0.000E+00
                                             4.907E+03
5.773E+03
         68977777777777777777777
                      0.000E+00
                      0.000E+00
0.000E+00
                                             6.559E+03
3.244E+03
3.011E+03
                     0.000E+00
0.000E+00
                      0.000E+00
                                             1.649E+03
                                             1.649E+03
2.754E+03
2.639E+03
2.769E+03
3.948E+03
3.416E+03
                      0.000E+00
                      0.000E+00
0.000E+00
                      0.000E+0D
                      0.000E+00
0.000E+00
         80
                      0.000E+00
                                             2.691E+03
                                             2.310E+03
2.305E+03
         81
                      0.000E+00
0.000E+00
         82
                      0.000E+00
                                             2.847E+03
                      0.000E+00
                                             3.646E+03
```

```
0.000E+00
                                    4.060E+03
       85
                                    4.027E+03
3.797E+03
3.159E+03
       86
87
                 0.000E+00
0.000E+00
                  0.000E+00
       88
                                   2 921E+03
2 104E+03
1 828E+03
       89
                  0,000E+00
                  0.000E+00
       90
       91
92
                                   1.667E+03
1.688E+03
                  0.000E+00
                  0.000E+00
       93
                  0.000E+00
                                   1.318E+03
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                                                                     11/07/95 09:51:16
                                                                    Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                     Page - 109
                  0.000E+00
       96
                  0.000E+00
                                    1.675E+03
                                   1.819E+03
1.977E+03
2.556E+03
2.662E+03
2.290E+03
       97
98
                  0.000E+00
                  0.000E+00
       99
                  0.000E+00
      100
                  0.000E+00
                  0.000E+00
0.000E+00
      101
                                    1.408E+03
1.381E+03
1.582E+03
      102
      103
                 0.000E+00
0.000E+00
      104
      105
                  0.000E+00
                                    1.449E+03
1.701E+03
                 0.000E+00
0.000E+00
      106
      107
                                    1.834E+03
                                    4.151E+03
2.738E+03
      108
                  0.000E+00
                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
      109
                                    1.664E+03
2.294E+03
2.839E+03
      110
      111
      112
                                   4.367E+03
5.387E+03
4.443E+03
3.810E+03
                 0.000E+00
0.000E+00
0.000E+00
      113
      114
      115
      116
                  0.000E+00
      117
                  0.000E+00
0.000E+00
                                    4.530E+03
4.967E+03
      118
                  0.000E+00
0.000E+00
0.000E+00
                                    4.812E+03
                                    4.072E+03
      120
                                    4.184E+03
      121
      122
                  0.000E+00
                                    4.503E+03
                 0.000E+00
0.000E+00
                                    5.041E+03
4.342E+03
      123
      124
      125
                  0.000E+00
                                    5.133E+03
                                   5.860E+03
5.970E+03
5.787E+03
5.376E+03
4.302E+03
      126
127
                  0.000E+00
0.000E+00
      128
                  0.000E+00
                  0.000E+00
0.000E+00
     129
130
                  0.000E+00
                                    4.478E+03
                                    6.645E+03
      132
                  0.000E+00
                  0.000E+00
                                    8.050E+03
      133
                                    8.430E+03
5.918E+03
3.758E+03
                  0.000E+00
      135
136
                  0.000E+00
0.000E+00
                                    3.213E+03
3.074E+03
4.904E+03
      137
                  0.000E+00
      138
139
                  0.000E+00
0.000E+00
      140
                  0.000E+00
                                    3.645E+03
                                   4.899E+03
3.453E+03
2.599E+03
2.942E+03
2.228E+03
1.978E+03
      141
                  0.000E+00
0.000E+00
      142
      143
                  0.000E+00
      144
                  0.000E+00
                  0.000E+00
      145
                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                      11/07/95 09:51:16 Page - 110
                  0.000E+00
0.000E+00
                                   2.320E+03
1.673E+03
      148
                  0.000E+00
                                    1.603E+03
                                    1.969E+03
2.049E+03
      150
                  0.000E+00
      151
152
                  0.000E+00
                  0.000E+00
                                    2.081E+03
      153
154
155
                                    2.060E+03
                  0.000E+00
                  0.000E+00
                                    2.038E+03
                                    2.013E+03
1.912E+03
2.048E+03
                  0.000E+00
      156
157
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                    2.121E+03
      159
160
                                    2.662E+03
2.057E+03
                  0.000E+00
0.000E+00
                                    2.144E+03
2.179E+03
2.110E+03
                  0.000E+00
      162
163
                  0.000E+00
0.000E+00
                  0.000E+00
                                    2.320E+03
                                   2. 471E+03
2. 482E+03
2. 488E+03
1.771E+03
1.742E+03
1.903E+03
1.773E+03
      165
                  0.000E+00
                  0.000E+00
      166
      167
                  0.000E+00
      168
                  0.000E+00
      169
170
                  0.000E+00
                  0.000E+00
      171
172
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                    2.028E+03
```

```
2.008E+03
1.929E+03
2.325E+03
2.320E+03
      174
175
176
177
                   0.000E+00
                   0.000E+00
                  0.000E+00
0.000E+00
                                     2.605E+03
2.306E+03
2.634E+03
3.504E+03
     178
179
180
                   0.000E+00
                  0.000E+00
0.000E+00
      181
                   0.000E+00
                                     3.499E+03
3.453E+03
      182
                  0.000E+00
0.000E+00
      183
                                     3.398E+03
3.342E+03
2.260E+03
2.390E+03
2.373E+03
2.028E+03
      184
                   0.000E+00
                  0.000E+00
0.000E+00
      185
      186
      187
                   0.000E+00
                  0.000E+00
0.000E+00
      188
      189
                                    2.028E+03
2.178E+03
2.258E+03
2.282E+03
3.667E+03
2.810E+03
2.537E+03
2.364E+03
2.466E+03
2.502E+03
      190
                   0.000E+00
                  0.000E+00
0.000E+00
      191
      192
      193
                   0.000E+00
                   0.000E+00
      194
      195
                   0.000E+00
      196
                   0.000E+00
                   0.000E+00
      197
      198
                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                             11/07/95 09:51:16 Page - 111
                   0.000E+00
                                      2.607E+03
                                     2.607E+03
2.615E+03
2.533E+03
2.409E+03
4.079E+03
3.001E+03
                   0.000E+00
0.000E+00
      200
      201
                   0.000E+00
0.000E+00
      203
      204
                   0.000E+00
0.000E+00
      205
      206
                   0.000E+00
                                      2.747E+03
2.690E+03
                   0.000E+00
0.000E+00
      207
      208
                                      2.708E+03
                                     2.733E+03
3.049E+03
      209
                   0.000E+00
                   0.000E+00
      210
      211
                   0.000E+00
                                      4.017E+03
                                     2.721E+03
2.516E+03
2.713E+03
      212
                   0.000E+00
      213
214
                   0.000E+00
                   0.000E+00
      215
                   0.000E+00
                                      3.786E+03
      216
217
                   0.000E+00
0.000E+00
                                      3.033E+03
                                      2.952E+03
      218
                   0.000E+00
                                      2.973E+03
                                      3.050E+03
3.421E+03
      219
220
                   0.000E+00
0.000E+00
      221
                   0.000E+00
                                      5.162E+03
                                     5.010E+03
2.949E+03
2.792E+03
3.716E+03
      222
223
                   0.000E+00
0.000E+00
                   0.000E+00
0.000E+00
      224
      225
      226
                   0.000E+00
                                      3.380E+03
      227
                   0.000E+00
                                      3.391E+03
                                      5.081E+03
                   0.000E+00
0.000E+00
      228
      229
                                      3.634E+03
                   0.000E+00
                                      4.138E+03
      231
232
                   0.000E+00
0.000E+00
                                      5.022E+03
5.117E+03
      233
                   0.000E+00
                                      4.007E+03
      234
235
                   0.000E+00
0.000E+00
                                      4.884E+03
5.456E+03
                   0.000E+00
                                      4.985E+03
      237
238
                   0.000E+00
0.000E+00
                                      4.867E+03
                                      4.980E+03
                                      4.644E+03
4.817E+03
5.080E+03
      239
                   0.000E+00
      240
                   0.000E+00
0.000E+00
      241
      242
                   0.000E+00
                                      5.231E+03
                                      5.198E+03
5.379E+03
      243
                   0.000E+00
                   0.000E+00
0.000E+00
      244
      245
                                      4.854E+03
      246
                   0.000E+00
                                      1.249E+03
                                      1.494E+03
1.534E+03
                   0.000E+00
0.000E+00
      247
      248
      249
                   0.000E+00
                                      1.290E+03
      250
                   0.000E+00
                                      1.193E+03
                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 112
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                     1.613E+03
1.580E+03
1.488E+03
                   0.000E+00
                   0.000E+00
0.000E+00
      252
253
                                      1.688E+03
1.566E+03
1.659E+03
      254
                   0.000E+00
                   0.000E+00
0.000E+00
      255
      256
      257
                   0.000E+00
                                      1.333E+03
      258
259
                   0.000E+00
0.000E+00
                                      1.605E+03
9.915E+02
                                      6.961E+02
3.479E+02
      260
                   0.000E+00
                   0.000E+00
      261
                   0.000E+00
                                      6.014E+02
```

```
7.766E+02
7.175E+02
9.420E+02
      263
                 0.000E+00
     264
265
                 0.000E+00
0.000E+00
                                   1.039E+03
      266
                 0.000E+00
                                   1.047E+03
     267
268
                 0.000E+00
                 0.000E+00
                                   1.069E+03
                                   1.137E+03
1.096E+03
                 0.000E+00
0.000E+00
     269
     270
     271
272
273
                 0:000E+00
                                   1.369E+03
                                   1.331E+03
1.351E+03
1.776E+03
                 0.000E+00
0.000E+00
                 0.000E+00
      274
                                  1.039E+03
1.371E+03
1.588E+03
1.542E+03
     275
276
                 0.000E+00
                 0.000E+00
      277
                 0.000E+00
      278
                 0.000E+00
                                   1.175E+03
1.475E+03
1.710E+03
                 0.000E+00
      279
      280
                 0.000E+00
     281
                 0.000E+00
                 0.000E+00
                                   1.656E+03
      282
                                   1.640E+03
1.710E+03
      283
                 0.000E+00
                 0.000E+00
     284
                 0.000E+00
                                   1.699E+03
      285
      286
                 0.000E+00
                                   1,403E+03
                                   1.634E+03
9.924E+02
                 0.000E+00
     287
                 0.000E+00
      288
                                  6.217E+02
4.595E+02
7.252E+02
8.061E+02
9.066E+02
      289
                 0.000E+00
                 0.000E+00
     290
                 0.000E+00
      291
                 0.000E+00
0.000E+00
      292
     293
      294
                 0.000E+00
                                   1.037E+03
      295
                 0.000E+00
0.000E+00
                                   1.122E+03
1.070E+03
      296
                                   1.193E+03
1.171E+03
1.467E+03
                 0.000E+00
      298
                 0.000E+00
                 0.000E+00
     299
      300
                 0.000E+00
                                   1.392E+03
                                   1.557E+03
1.957E+03
      301
                 0.000E+00
                 0.000E+00
     302
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Cutput File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
                                                                                                                                                  11/07/95 09:51:16 Page - 113
     303
                 0.000E+00
                                   2.013E+03
      304
                 0.000E+00
                                   9.249E+02
                                   1.160E+03
1.497E+03
      305
                 0.000E+00
                 0.000E+00
     306
                                   1.671E+03
1.506E+03
1.258E+03
1.744E+03
                 0.000E+00
      308
                 0.000E+00
                 0.000E+00
     309
                 0.000E+00
     310
                                   1.730E+03
1.552E+03
1.823E+03
                 0.000E+00
     312
313
                 0.000E+00
                 0.000E+00
                                   1.729E+03
1.476E+03
1.663E+03
      314
                 0.000E+00
                 0.000E+00
0.000E+00
     315
316
                                   1.004E+03
5.284E+02
     317
                 0.000E+00
     318
                 0.000E+00
                                   6.114E+02
8.274E+02
                 0.000E+00
     319
                 0.000E+00
      320
                                   8.242E+02
1.014E+03
     321
322
                 0.000E+00
0.000E+00
      323
                 0.000E+00
                                   1.184E+03
                                   1.062E+03
1.247E+03
1.253E+03
     324
325
                 0.000E+00
0.000E+00
      326
                 0.000E+00
                                   1.567E+03
1.445E+03
1.788E+03
                 0.000E+00
0.000E+00
      327
     328
                 0.000E+00
      329
                                   2.129E+03
2.047E+03
      330
                 0.000E+00
                 0.000E+00
     331
      332
                 0.000E+00
                                   1.632E+03
                                   1.301E+03
9.746E+02
      333
                 0.000E+00
     334
                 0.000E+00
                                   1.289E+03
      335
                 0.000E+00
                                   1.626E+03
1.732E+03
      336
                 0.000E+00
     337
                 0.000E+00
                 0.000E+00
                                   1.409E+03
     338
      339
                 0.000E+00
                                   1.608E+03
1.770E+03
     340
                 0.000E+00
                 0.000E+00
                                   1.617E+03
      341
      342
                 0.000E+00
                                   1.893E+03
                                   1.748E+03
1.552E+03
1.731E+03
     343
344
                 0.000E+00
                 0.000E+00
                 0.000E+00
                                   1.004E+03
4.470E+02
7.525E+02
     346
                 0.000E+00
                 0.000E+00
     347
                 0.000E+00
     349
                 0.0008+00
                                   8.936E+02
9.978E+02
                 0.000E+00
                                   1.221E+03
1.180E+03
1.294E+03
1.344E+03
                 0.000E+00
     352
                 0.000E+00
```

353

354

0.000E+00

444

```
445
                  0.000E+00
                                    1.952E+03
                  0.000E+00
0.000E+00
                                    1.993E+03
2.052E+03
1.879E+03
     446
      448
                  0.000E+00
                                    1.432E+03
1.604E+03
1.489E+03
1.383E+03
                  0.000E+00
     449
                  0.000E+00
     451
452
                  0.000E+00
                  0.000E+00
      453
                  0.000E+00
                                    1.605E+03
                                    1.402E+03
1.954E+03
2.038E+03
     454
455
                  0.000E+00
0.000E+00
      456
                  0.000E+00
                                    2.056E+03
1.939E+03
      457
                  0.000E+00
                  0.000E+00
      458
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 116
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                      Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                  0.000E+00
                                    2.032E+03
                                    1.953E+03
2.040E+03
8.240E+02
                  0.000E+00
      460
                  0.000E+00
0.000E+00
      461
      462
                  0.000E+00
                                     1.140E+03
      463
      464
                  0.000E+00
                                    1.443E+03
1.508E+03
                  0.000E+00
      465
                  0.000E+00
                                     1.877E+03
      466
                                    2.357E+03
2.743E+03
                  0.000E+00
0.000E+00
      467
      468
                                    2.858E+03
2.768E+03
2.839E+03
                  0.000E+00
      469
     470
471
                  0.000E+00
0.000E+00
      472
                  0.000E+00
                                     2.281E+03
      473
474
475
                                    2.184E+03
2.225E+03
                  0.000E+00
0.000E+00
                                    1.979E+03
1.576E+03
1.147E+03
                  0.000E+00
                  0.000E+00
0.000E+00
      476
      477
      478
                  0.000E+00
                                     1.652E+03
                                    1.443E+03
1.605E+03
      479
                  0.000E+00
0.000E+00
      480
      481
                  0.000E+00
                                     1.679E+03
                                    1.365E+03
1.698E+03
1.557E+03
2.204E+03
1.918E+03
                  0.000E+00
0.000E+00
      482
      483
      484
                  0.000E+00
      485
                  0.000E+00
0.000E+00
      486
                                    2.048E+03
2.184E+03
9.647E+02
                  0.000E+00
                  0.000E+00
0.000E+00
      488
     489
                                    1.368E+03
1.660E+03
2.052E+03
                  0.000E+00
                  0.000E+00
0.000E+00
      491
      492
                                    2.643E+03
3.111E+03
2.821E+03
      493
                  0.000E+00
                  0.000E+00
0.000E+00
      494
      495
                                    3.154E+03
2.686E+03
2.410E+03
                  0.000E+00
0.000E+00
0.000E+00
      496
      497
      498
                                    2.421E+03
2.074E+03
1.563E+03
                  0.000E+00
0.000E+00
      499
      500
                  0.000E+00
      501
                  0.000E+00
                                     1.064E+03
      502
      503
                  0.000E+00
0.000E+00
                                     6.680E+02
4.382E+02
      504
      505
                  0.000E+00
                                     1.818E+03
      506
                  0.000E+00
                                     1.890E+03
1.825E+03
                  0.000E+00
      507
                  0.000E+00
                                     1.585E+03
      508
                                   1.777E+03
1.635E+03
      509
                  0.000E+00
                  0 000E+00
      510
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                        11/07/95 09:51:16
                                                                                                                                                                                        Page - 117
                                    1.805E+03
1.793E+03
2.951E+03
                  0.000E+00
0.000E+00
      512
      513
                  0.000E+00
                                    1.948E+03
1.292E+03
      514
                  0.000E+00
      515
516
                  0.000E+00
                  0.000E+00
                                     1.695E+03
                  0.000E+00
                                     2.220E+03
3.022E+03
                  0.000E+00
0.000E+00
      518
                                     3.407E+03
3.383E+03
      519
                  0.000E+00
                  0.000E+00
0.000E+00
                                     3.171E+03
2.680E+03
      521
      522
                                    2.639E+03
2.152E+03
1.510E+03
9.410E+02
      523
                  0.000E+00
                  0.000E+00
0.000E+00
0.000E+00
      524
      525
526
      527
                  0.000E+00
0.000E+00
                                     5.715E+02
7.198E+02
      528
                  0.000E+00
                                     8.488E+02
      529
                                     9.481E+02
1.490E+03
1.713E+03
      530
                  0.000E+00
                  0.000E+00
0.000E+00
      531
532
      533
                  0.000E+00
                                     1.935E+03
```

```
0.000E+00
                                  2.068E+03
     534
      535
                 0.000E+00
                                  2.034E+03
                 0.000E+00
0.000E+00
     536
537
                                  1.766E+03
1.887E+03
      538
                 0.000E+00
                                  2.075E+03
     539
540
                 0.000E+00
                                  1.579E+03
1.777E+03
                 0.000E+00
0.000E+00
                                  3.230E+03
3.539E+03
      541
      542
      543
                 0.000E+00
                                  3.701E+03
                                  2.998E+03
2.876E+03
     544
545
                 0.000E+00
0.000E+00
                 0.000E+00
                                  2.197E+03
      546
                                  1.399E+03
7.752E+02
9.450E+02
      547
                 0.000E+00
0.000E+00
      548
      549
                 0.000E+00
     550
551
552
                                  1.084E+03
1.171E+03
1.204E+03
                 0.000E+00
                 0.000E+00
                 0.000E+00
     553
554
555
                 0.000E+00
                                  1.261E+03
                 0.000E+00
                                  1.336E+03
                 0.000E+00
                                  1.614E+03
      556
                 0 000E+00
                                  1.381E+03
      557
                 0.000E+00
                                  1.808E+03
      558
                 0.000E+00
                                  1.830E+03
                 0.000E+00
0.000E+00
                                  2.036E+03
2.244E+03
      559
      560
                 0.000E+00
                                  2.011E+03
      562
                 0.000E+00
                                  2.321E+03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                            11/07/95 09:51:16 Page -
                                  2.975E+03
5.440E+03
4.792E+03
                 0.000E+00
                 0.000E+00
     564
      565
                 0.000E+00
     566
567
                 0.000E+00
0.000E+00
                                  4.160E+03
3.356E+03
                 0.000E+00
                                  3.122E+03
      568
     569
570
                 0.000E+00
0.000E+00
                                  2.188E+03
1.216E+03
      571
                 0.000E+00
                                  1.222E+03
                 0.000E+00
0.000E+00
                                  1.352E+03
1.508E+03
      572
      573
                 0.000E+00
                                  1.614E+03
      575
                 0.000E+00
0.000E+00
                                  1.666E+03
1.668E+03
     576
577
578
579
                 0,000E+00
                                  1.629E+03
                 0.000E+00
0.000E+00
                                  1.559E+03
1.467E+03
                                  1.656E+03
1.774E+03
1.873E+03
      580
                 0.000E+00
                 0.000E+00
0.000E+00
      581
     582
      583
                 0.000E+00
                                  1.752E+03
                 0.000E+00
0.000E+00
                                  1.891E+03
1.861E+03
      584
      585
      586
                 0.000E+00
                                  2.347E+03
                 0.000E+00
0.000E+00
      587
                                  2.563E+03
      588
                                  4.923E+03
      589
                 0.000E+00
                                  3.387E+03
     590
                 0.000E+00
0.000E+00
                                  2.098E+03
1.827E+03
      591
      592
                 0.000E+00
                                  1.964E+03
      593
                 0.000E+00
                                  2.034E+03
      594
                                  2.026E+03
                 0.000E+00
      595
                 0.000E+00
                                  1.947E+03
      596
                 0.000E+00
                                  1.818E+03
                                  1.658E+03
1.487E+03
      597
                 0.000E+00
      598
                 0.000E+00
      599
                 0.000E+00
                                  1.317E+03
     600
                 0.000E+00
                                  1.156E+03
1.009E+03
                 0.000E+00
     601
      602
                 0.000E+00
                                  8.774E+02
                 0.000E+00
0.000E+00
     603
                                  4.205E+03
                                  4.384E+03
4.588E+03
     604
      605
                 0.000E+00
     606
                 0.000E+00
                                  4.825E+03
                                 4.825E+03
5.107E+03
5.454E+03
5.899E+03
2.471E+03
2.438E+03
2.344E+03
2.119E+03
     607
                 0.000E+00
      608
                 0.000E+00
     609
                 0.000E+00
     610
                 0.000E+00
                 0.000E+00
                 0.000E+00
     612
     613
                 0.000E+00
                 0.000E+00
                                  1.833E+03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                            11/07/95 09:51:16 Page -
                 0.000E+00
     615
                                  1.543E+03
                 0.000E+00
                                  1.368E+03
     616
     617
                 0.000E+00
                                  1.306E+03
1.245E+03
                 0.000E+00
0.000E+00
     618
                                  1.186E+03
     619
                                  1.131E+03
1.079E+03
     620
                 0.000E+00
     621
                 0.000E+00
                 0.000E+00
                                  1.031E+03
```

```
9.853E+02
                   0.000E+00
      623
      624
625
626
                                        9.431E+02
7.369E+03
7.642E+03
                   0.000E+00
                    0.000E+00
      627
628
629
                    0.000E+00
                                        7.925E+03
                                        8.227E+03
8.570E+03
                   0.000E+00
                   0.000E+00
       630
                   0.000E+00
                                        9.009E+03
                                        9.666E+03
1.081E+04
      631
632
                   0.000E+00
                   0.000E+00
                   0.000E+00
0.000E+00
                                        1.758E+03
1.576E+03
       633
       634
                                       1.423E+03
1.309E+03
1.218E+03
1.140E+03
      635
                   0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
       637
      638
                                       1.073E+03
1.013E+03
9.593E+02
9.112E+02
8.676E+02
                   0.000E+00
0.000E+00
0.000E+00
       639
       640
      641
                   0.000E+00
0.000E+00
       642
      643
644
                                        8.676E+02
8.279E+02
7.916E+02
7.584E+02
7.278E+02
5.804E+03
5.736E+03
                   0.000E+00
       645
                   0.000E+00
0.000E+00
      646
       647
                    0.000E+00
                   0.000E+00
0.000E+00
       648
      649
                                        5.632E+03
5.491E+03
5.324E+03
       650
                    0.000E+00
      651
652
                   0.000E+00
0.000E+00
0.000E+00
                                        5.172E+03
5.073E+03
       653
      654
655
656
                    0.000E+00
                                        4.995E+03
2.985E+03
1.719E+03
                   0.000E+00
                    0.000E+00
      657
658
                   0.000E+00
                    0.000E+00
                                        1.411E+03
                                        1.440E+03
1.389E+03
1.284E+03
       659
                    0.000E+00
                    0.000E+00
       660
                    0.000E+00
       661
                                       1.152E+03
1.012E+03
8.797E+02
7.616E+02
6.855E+02
       662
                    0.000E+00
                    0.000E+00
      663
664
                    0.000E+00
       665
                   0.000E+00
                    0.000E+00
       666
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 120
                                        6.363E+02
5.831E+02
5.288E+02
                    0.000E+00
                   0.000E+00
      668
669
                    0.000E+00
                   0.000E+00
0.000E+00
                                        5.130E+02
5.022E+02
       670
      671
672
                                        4.900E+02
1.748E+03
1.967E+03
                    0.000E+00
                   0.000E+00
0.000E+00
      673
674
       675
                    0.000E+00
                                        2.155E+03
                                        2.395E+03
2.665E+03
      676
677
                   0.000E+00
0.000E+00
       678
                    0.000E+00
                                        2.659E+03
                                        2.935E+03
2.796E+03
4.470E+03
       679
                   0.000E+00
0.000E+00
      680
       681
                    0.000E+00
                                        4.131E+03
6.015E+03
8.619E+03
       682
                    0.000E+00
                   0.000E+00
      683
                   0.000E+00
       684
                                        1.966E+03
1.354E+03
1.188E+03
       685
                    0.000E+00
                   0.000E+00
      686
                   0.000E+00
      687
                    0.000E+00
                                        9.985E+02
       688
      689
690
                    0.000E+00
                                        1.097E+03
1.134E+03
                    0.000E+00
       691
                    0.000E+00
                                        1.119E+03
                                        1.068E+03
      692
                    0.000E+00
                                        9.949E+02
9.123E+02
       693
                    0.000E+00
       694
                    0.000E+00
                   0.000E+00
0.000E+00
                                        8.279E+02
7.465E+02
       695
      696
       697
                    0.000E+00
                                        6.709E+02
                                       6.455E+02
6.225E+02
5.934E+02
1.740E+03
1.487E+03
       698
                   0.000E+00
0.000E+00
       699
       700
                    0.000E+00
                   0.000E+00
0.000E+00
       701
       702
       703
                    0.000E+00
                                        2.077E+03
                   0.000E+00
0.000E+00
                                        2.052E+03
2.590E+03
2.799E+03
       704
       705
       706
                    0.000E+00
                                        2.711E+03
3.048E+03
       707
                    0.000E+00
       708
                   0.000E+00
                    0.000E+00
                                        4,050E+03
       709
      710
711
712
                                        4.459E+03
5.516E+03
7.521E+03
                    0.000E+00
                   0.000E+00
                    0.000E+00
      713
714
715
                                        1.830E+03
1.607E+03
                    0.000E+00
                   0.000E+00
                                        1.362E+03
                   0.000E+00
```

```
0.000E+00
                                    9.981E+02
      717
718
                  0.000E+00
0.000E+00
                                    7.800E+02
7.554E+02
     EN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Tile: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 121
                  0.000E+00
                                    8.362E+02
      720
                  0.000E+00
                                     8.985E+02
      721
722
                  0.000E+00
0.000E+00
                                    9.255E+02
9.227E+02
      723
                  0.000E+00
                                     8.975E+02
      724
725
                  0.000E+00
0.000E+00
                                    8.572E+02
                                    8.077E+02
7.537E+02
6.986E+02
                  0.000E+00
0.000E+00
      726
      727
                                    6.445E+02
1.892E+03
2.049E+03
      728
                  0.000E+00
                  0.000E+00
0.000E+00
      729
      730
      731
                  0.000E+00
                                     2.163E+03
      732
733
                                    2.313E+03
1.962E+03
                  0.000E+00
                  0.000E+00
      734
                  0.000E+00
                                     2.749E+03
      735
                  0.000E+00
                                    2.560E+03
      736
737
                  0.000E+00
                                    3.696E+03
                  0.000E+00
                                    3.917E+03
      738
739
                  0.000E+00
                                     4.810E+03
                  0.000E+00
                                    6.002E+03
      740
741
742
                  0.000E+00
                                     6.294E+03
                  0.000E+00
0.000E+00
                                    2.108E+03
1.881E+03
      743
                  0.000E+00
                                    1.336E+03
      744
745
                  0.000E+00
0.000E+00
                                    1.339E+03
9.753E+02
      746
747
748
                                    6.483E+02
7.414E+02
7.112E+02
                  0.000E+00
                  0.000E+00
                  0.000E+00
                  0.000E+00
                                     7.224E+02
      750
751
                  0.000E+00
0.000E+00
                                    7.144E+02
7.569E+02
                                    7.779E+02
7.806E+02
7.686E+02
7.458E+02
7.155E+02
1.990E+03
      752
                  0.000E+00
      753
754
                  0.000E+00
0.000E+00
      755
                  0.000E+00
      756
757
                  0.000E+00
0.000E+00
      758
759
                  0.000E+00
0.000E+00
                                    2.156E+03
1.875E+03
      760
                  0.000E+00
                                    2.269E+03
                                    2.334E+03
2.483E+03
2.678E+03
      /61
                  0.000E+00
      762
763
                  0.000E+00
0.000E+00
      764
                  0.000E+00
                                    3.118E+03
                  0.000E+00
0.000E+00
      765
766
                                    3.885E+03
4.200E+03
      767
                  0.000E+00
                                     6.281E+03
                  0.000E+00
0.000E+00
      768
769
                                    5.240E+03
1.659E+03
                  0.000E+00
                                    2.291E+03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                       11/07/95 09:51:16 Page -
                  0.000E+00
                                    1.624E+03
1.098E+03
1.228E+03
                  0.000E+00
      773
774
775
                  0.000E+00
0.000E+00
                  0.000E+00
                                    8.848E+02
                                    4.919E+02
6.347E+02
7.010E+02
      776
777
                  0.000E+00
0.000E+00
                  0.000E+00
      778
      779
                  0.000E+00
                                    6.672E+02
                                    6.670E+02
      780
                  0.000E+00
                  0.000E+00
0.000E+00
                                    6.688E+02
6.209E+02
      781
      782
      783
                  0.000E+00
                                    6.521E+02
                                    6.694E+02
6.746E+02
2.028E+03
                  0.000E+00
      784
      785
                  0.000E+00
      786
787
                  0.000E+00
0.000E+00
                                    1.511E+03
1.861E+03
                  0.000E+00
      788
                  0.000E+00
0.000E+00
                                    2.040E+03
2.051E+03
      789
      790
      791
                  0.000E+00
                                    2.261E+03
                  0.000E+00
0.000E+00
                                    3.089E+03
3.061E+03
      792
      793
                  0.000E+00
                                    3.878E+03
                                    4.609E+03
      795
                  0.000E+00
                                    6.263E+03
4.394E+03
                  0.000E+00
      796
      797
                  0.000E+00
      798
                  0.000E+00
                                    1.597E+03
2.175E+03
1.732E+03
                  0.000E+00
     799
      800
                  0.000E+00
      801
                  0.000E+00
                                    1.477E+03
                                    1.444E+03
9.784E+02
                  0.000E+00
      802
      803
                  0.000E+00
      804
                  0.000E+00
                                    1.133E+03
```

```
805 0.000E+00 8.176E+02

806 0.000E+00 3.948E+02

807 0.000E+00 5.049E+02

808 0.000E+00 6.174E+02

809 0.000E+00 6.628E+02

810 0.000E+00 6.259E+02

811 0.000E+00 6.317E+02

812 0.000E+00 6.317E+02

813 0.000E+00 6.020E+02

814 0.000E+00 5.481E+02
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 123

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	ACETA	ACROL	As	BENZE	Be	Cd	Cr	Cu	нсно	HCN
12345678901123415678901123222222233334567890122222222234456789012344567890442	0.000E+00 0.000E+00	0.000E+00	3.418E-05 3.68FE-05 3.666E-05 5.783E-05 5.789E-05 4.200E-05 4.200E-05 4.374E-05 6.912E-05 5.865E-05 5.950E-05 6.723E-05 6.723E-05 6.723E-05 6.723E-05 6.723E-05 2.983E-05 2.983E-05 2.983E-05 2.983E-05 2.983E-05 2.983E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.498E-05 2.691E-05 3.142E-05 3.142E-05 6.473E-05 6.473E-05 6.473E-05 6.473E-05 6.473E-05 6.473E-05 6.609E-05	O.OOOE+OO	2.710E-06 1.506E-06 1.488E-06 3.395E-06 3.017E-06 2.687E-06 2.537E-06 2.537E-06 1.03E-06 4.604E-06 6.342E-06 6.342E-06 6.83E-06 8.386E-06 8.386E-06 8.386E-06 3.476E-06 3.476E-06 3.548E-06 3.745E-06 4.069E-06 5.133E-06 6.747E-06 7.126E-06 7.126E-06 7.021E-06	1.254E-06 1.334E-06 1.327E-06 2.108E-06 2.099E-06 1.896E-06 1.536E-06 1.536E-06 2.547E-06 7.595E-07 3.139E-06 2.188E-06 2.218E-06 2.218E-06 2.218E-06 2.218E-06 2.218E-06 1.605E-06 1.605E-06 1.178E-06 1.140E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.198E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.178E-06 1.215E-06 1.215E-06 1.215E-06 1.215E-06 1.215E-06 1.215E-06 1.215E-06	2.130E-07 2.228E-07 3.546E-07 3.546E-07 3.546E-07 2.4878E-07 2.5789E-07 2.589E-07 1.260E-07 3.739E-07 3.802E-07 3.802E-07 3.802E-07 1.462E-07 1.464E-07 1.919E-07 1.919E-07 1.919E-07 1.728E-07 1.728E-07 1.728E-07 1.728E-07 1.728E-07 1.728E-07 1.830E-07 1.728E-07 1.8462E-07 1.728E-07 1.8462E-07 1.858E-07 1.	0.00E+00 0.000E+00	0.000E+00	8.090E-02 9.727E-02 9.727E-02 9.561E-02 1.258E-01 1.146E-01 8.432E-02 9.632E-02 1.544E-01 8.632E-02 1.544E-01 4.328E-01 4.328E-01 4.328E-01 4.328E-01 4.328E-01 2.003E-01 2.077E-02 2.003E-01 2.576E-01 4.456E-01 4.456E-02 6.647E-02 6.647E-02 6.647E-02 6.647E-02 6.647E-02 6.344E-02 6.348E-01 1.482E-01 1.938E-01 1.938E-01 1.938E-01 2.215E-01 2.215E-01 2.215E-01 2.623E-01
		SOLEDAD MTN 1 1\GQTPACE.DA		L RECEPTORS, Output File:	1991 MET, T g:\ace\GQ91		OUTPUT OF A	MI/SBCAPCD AC 11/07/95	CE2588 MODEL 5 09:51:16	VERS. 93288 * Page - 124
43 44 45 47 48 490 551 553 557 557 559 661 663	0.000E+00 0.000E+00	0.000E+00 0.000E+00	6.447E-05 4.871E-05 4.170E-05 6.491E-05 8.107E-05 8.689E-05 8.578E-05 8.543E-05 8.716E-05 7.716E-05 5.564E-05 4.401E-05 4.401E-05 4.201E-05 4.201E-05 5.564E-05 4.201E-05	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	6.986E-06 5.022E-06 4.169E-06 6.806E-06 9.051E-06 1.060E-05 8.648E-06 7.414E-06 6.149E-06 6.149E-06 4.559E-06 4.177E-06 3.607E-06 3.320E-06 3.314E-06 3.314E-06 3.738E-06	2.369E-06 1.805E-06 1.547E-06 2.385E-06 2.978E-06 3.21E-06 3.218E-06 3.186E-06 3.013E-06 2.808E-06 2.808E-06 2.055E-06 1.838E-06 1.649E-06 1.495E-06 1.472E-06 1.579E-06 1.730E-06 1.730E-06	4.108E-07 3.093E-07 2.641E-07 5.177E-07 5.660E-07 5.545E-07 5.359E-07 5.359E-07 3.987E-07 3.987E-07 3.069E-07 2.754E-07 2.754E-07 2.458E-07 2.458E-07 2.657E-07 2.902E-07 3.231E-07	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	2.447E-01 1.735E-01 1.326E-01 2.183E-01 4.360E-01 1.935E-01 1.241E+00 8.733E-01 1.351E+00 1.004E+00 9.916E-01 4.594E-01 3.531E-01 2.798E-01 2.324E-01 2.228E-01 2.559E-01 2.559E-01 3.724E-01 3.724E-01 3.724E-01

```
5.936E-05
                             0.000E+00
0.000E+00
                                                                                        2.160E-06
2.523E-06
                                                                                                                                                   4.599E-01
5.469E-01
9.916E-01
              0.000E+00
                                                           0.000E+00
                                                                         3.897E-06
                                                                                                       3.659E-07
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                            6.942E-05
7.758E-05
                                                                         4.187E-06
5.127E-06
                                                                                                       4.261E-07
4.783E-07
5.730E-07
      65
66
67
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                        2.826E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            9.298E-05
                                                                                                                                     0.000E+00
                                                                                                                                                    8.178E-01
              0-000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         6.032E-06
                                                                                        3.406E-06
                                                                                                                      0.000E+00
                                            1.164E-04
                             0.000E+00
                                                           0.000E+00
                                                                          7.494E-06
                                                                                         4.284E-06
                                                                                                       7.171E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    1.217E+00
      68
              0.000E+00
              0.000E+00
                             0.000E+00
                                            1.581E-04
                                                           0.000E+00
                                                                         1.135E-05
1.734E-05
                                                                                        6.609E-06
                                                                                                       9.872E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.000E+00
1.570E+00
      70
71
                                            2 107E-04
                                                                                        8.683E-06
7.158E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0 000E+00
                             0 000E+00
                                                           0.000E+00
                                                                                                       1.325E-06
              0.000E+00
                             0.000E+00
                                            1.777E-04
                                                           0.000E+00
                                                                          1.178E-05
                                                                                                       1.102E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    1.061E+00
                                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            1.211E-04
                                                           0.000E+00
                                                                         7.203E-06
                                                                                        4.772E-06
3.761E-06
                                                                                                       7.466E-07
                                                                                                                      0.000E+00
                                                                                                                                                   7.435E-01
5.000E-01
                                                                                                       6.252E-07
5.211E-07
                                                                                                                                     0.000E+00
      73
              0.000E+00
                             0.00E+00
                                            1 034E-04
                                                           0.000E+00
                                                                          4.263E-06
                                                                                                                      0.000E+00
                                                           0.000E+00
                                                                                         3.149E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    3.588E-01
              0.000E+00
                             0.000E+00
                                            1.060E-04
                                                                         7.012E-06
      75
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                        4.305E-06
                                                                                                       6.580E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.860E-01
                                                           0.000E+00
                                                                          4.848E-06
                                                                                         4.077E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0 000E+00
                                            1.093E-04
                                                                                                       6.634E-07
                                                                                                                                                    4.198E-01
      76
77
              0.000E+00
                             0.000E+00
                                            1.429E-04
                                                           0.000E+00
                                                                          5.546E-06
                                                                                         5.373E-06
                                                                                                       8.644E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    4.279E-01
              0.000E+00
                                            1.369E-04
1.058E-04
                                                           0.000E+00
0.000E+00
                                                                                        5.325E-06
4.212E-06
                                                                                                       8.356E-07
6.515E-07
                                                                                                                                                   4.129E-01
3.521E-01
      78
              0.000E+00
                             0.000E+00
                                                                         6.640E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         6.061E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
      79
                                            8.181E-05
                                                           0.000E+00
                                                                          4.826E-06
                                                                                        3.222E-06
                                                                                                       5.040E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    2.908E-01
              0.000E+00
                             0.000E+00
      80
                                            6.386E-05
5.061E-05
                                                           0.000E+00
0.000E+00
                                                                         3.970E-06
2.952E-06
                                                                                        2.499E-06
1.912E-06
                                                                                                       3.942E-07
3.108E-07
                                                                                                                                                   2.391E-01
      81
              0.000E+00
                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                                                                                                                                   1.973E-01
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
      82
              0.000E+00
                                            6.070E-05
                                                           0.000E+00
                                                                         4.502E-06
                                                                                        2.437E-06
                                                                                                       3.788E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    2.132E-01
      83
              0.000E+00
                             0.000E+00
                                                                         5.003E-06
3.378E-06
                                                                                        2.694E-06
2.263E-06
                                                                                                       4.100E-07
3.728E-07
                                                                                                                                                   2.236E-01
2.235E-01
              0.000E+00
                             0.000E+00
                                            6.550E-05
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
      84
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            6.088E-05
      85
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                          4.665E-06
                                                                                         2.641E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    2.201E-01
              0.000E+00
                             0.000E+00
                                            6.846E-05
      86
              0.000E+00
                             0.000E+00
                                            6.829E-05
                                                           0.000E+00
                                                                         4.830E-06
7.293E-06
                                                                                        2.631E-06
3.203E-06
                                                                                                       4.240E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.102E-01
                                                           0.000E+00
                                                                                                       4.999E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            7.896E-05
                                                                                                                                                    1.949E-01
      88
              0 000E+00
                                            6.265E-05
                                                                          4.112E-06
                             0.000E+00
                                                           0.000E+00
                                                                                        2.342E-06
                                                                                                       3.867E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    1.775E-01
              0.000E+00
      89
                                                                         4.703E-06
7.179E-06
                                                                                        2.644E-06
3.405E-06
                                                                                                       4.363E-07
5.539E-07
                                                                                                                                                   1.735E-01
1.701E-01
      90
              0.000E+00
                             0.000E+00
                                            7.062E-05
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            8.852E-05
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
      91
                                                                                                       5.568E-07
5.786E-07
      92
                             0.000E+00
                                            9.016E-05
                                                           0.000E+00
                                                                         6.021E-06
                                                                                        3.350E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    1.653E-01
              0.000E+00
                                                           0.000E+00
0.000E+00
                                                                         5.338E-06
4.916E-06
                                                                                                                                     0.000E+00
                                                                                                                                                   1.688E-01
1.731E-01
      93
              0.000E+00
                             0.000E+00
                                            9.453E-05
                                                                                        3.454E-06
                                                                                                                      0.000E+00
                                            9.916E-05
                             0.000E+00
                                                                                        3.603E-06
                                                                                                       6.035E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
      94
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, Input File: g:\ace\GQ91\GQTPACE.DAT Output File:
                                                                                                      OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                       1991 MET.
                                                                                    TSP
                                                                                                                                                  VERS. 93288
                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                          11/07/95
                                                                                                                                       09:51:16
                                                                                                                                                    Page -
                                                                                                                      0.000E+00
                                                                                                                                                    1.835E-01
                             0.000E+00
                                            1.019E-04
                                                           0.000E+00
                                                                                        3.692E-06
                                                                                                                                     0.000E+00
              0.000E+00
                                                                          4.346E-06
                                                                                                       6.168E-07
                                                                         3.971E-06
4.951E-06
7.193E-06
      96
97
                             0.000E+00
                                            1.059E-04
                                                           0.000E+00
                                                                                        3.831E-06
4.527E-06
                                                                                                       6.383E-07
7.539E-07
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.953E-01
2.121E-01
              0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                            1.248E-04
                                                           0.000E+00
                                                                                        5.688E-06
7.215E-06
              0.000E+00
                             0.000E+00
                                            1.551E-04
                                                           0.000E+00
                                                                                                       9.420E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.343E-01
      98
              0.000E+00
                             0.000E+00
                                            1.936E-04
                                                           0.000E+00
                                                                         1.049E-05
                                                                                                       1.184E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.617E-01
                                                                                                       1.194E-06
9.507E-07
7.477E-07
7.378E-07
                                                                         1.301E-05
8.574E-06
                                                                                        7.364E-06
5.765E-06
     100
              0.000E+00
                             0.000E+00
                                            1.928E-04
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.521E-01
                                            1.553E-04
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    2.269E-01
                             0 000E+00
     101
              0.000E+00
                             0.000E+00
                                            1.235E-04
                                                           0.000E+00
                                                                          5.353E-06
                                                                                         4.479E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    2.066E-01
     102
              0.000E+00
                                                                                        4.413E-06
4.081E-06
              0.000E+00
                             0.000E+00
                                            1.208E-04
                                                           0.000E+00
                                                                         6.436E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.960E-01
     103
                                                           0.000E+00
                                                                                                                                                    1.904E-01
                             0.000E+00
                                                                         6.453E-06
5.810E-06
                                                                                                                                     0.000E+00
     104
              0.000E+00
                                            1.114E-04
                                                                                                       6.825E-07
                                                                                                                      0.000E+00
                                                                                        3.811E-06
3.782E-06
3.800E-06
     105
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    1.806E-01
              0.000E+00
                             0.000E+00
                                            1.013E-04
9.829E-05
                                                           0.000E+00
0.000E+00
                                                                         6.917E-06
8.071E-06
                                                                                                       6.265E-07
6 157E-07
                                                                                                                      0 000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.755E-01
1.791E-01
     106
                                                                                                                      0 000E+00
                                                                                                                                     0 000E+00
                             0.000E+00
              0.000E+00
     107
                                                                                        6.953E-06
                                                                                                       1.155E-06
                                                                                                                                                   2.008E-01
                             0.000E+00
                                            1.793E-04
                                                           0,000E+00
                                                                         2.142E-05
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
     108
              0.000E+00
                                                                         1.433E-05
7.961E-06
                                                                                        5.640E-06
4.533E-06
                                                                                                       9.115E-07
7.508E-07
                                                                                                                                                   1.981E-01
2.009E-01
     109
              0.000E+00
                             0.000E+00
                                            1.434E-04
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0 000E+00
                                            1.217E-04
                             0.000E+00
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
    110
              0.000E+00
                             0.000E+00
                                            1.389E-04
                                                           0.000E+00
                                                                         1.083E-05
                                                                                         5.390E-06
                                                                                                       8.673E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.226E-01
                                                                         1.652E-05
2.283E-05
              0 000E+00
                             0.000E+00
                                            1.739E-04
                                                           0.000E+00
                                                                                        6.867E-06
7.885E-06
                                                                                                       1.101E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.492E-01
                                            2.015E-04
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   2.466E-01
                             0.000E+00
                                                                                                       1.293E-06
                                                                                                                                     0.000E+00
              0.000E+00
     113
                                                                                                                                                   2.748E-01
              0.000E+00
                             0.000E+00
                                            3.542E-04
                                                           0.000E+00
                                                                          4.701E-05
                                                                                         1.338E-05
                                                                                                       2.301E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.046E-01
     115
              0.000E+00
                             0.000E+00
                                            2.543E-04
                                                           0.000E+00
                                                                         2.991E-05
                                                                                        9.814E-06
                                                                                                       1.636E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         1.703E-05
2.399E-05
                                                                                        6.778E-06
                             0.000E+00
                                            1.708E-04
                                                           0.000E+00
                                                                                                       1.086E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.996E-01
    116
117
              0.000E+00
                             0.000E+00
                                            2.190E-04
                                                           0.000E+00
                                                                                        8.442E-06
                                                                                                       1.400E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.258E-01
              0.000E+00
                                            3.769E-04
1.751E-04
                                                                                        1.428E-05
6.921E-06
     118
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         4.776E-05
                                                                                                       2.438E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.401E-01
                                                                         1.293E-05
                                                                                                       1.091E-06
                                                                                                                                                   3.893E-01
                             0.000E+00
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
     119
                             0.000E+00
                                                                         9.670E-06
                                                                                        6.918E-06
                                                                                                       1.073E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4.454E-01
     120
              0.000E+00
                                                           0.000E+00
                                                                         1.258E-05
1.747E-05
3.429E-05
                                            2.040E-04
2.139E-04
     121
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                        7.993E-06
                                                                                                       1.259E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4-588E-01
                                                                                                       1.340E-06
2.133E-06
                             0.000E+00
                                                           0.000E+00
                                                                                        8.345E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4.123E-01
     122
              0.000E+00
                             0.000E+00
                                            3.356E-04
                                                           0.000E+00
                                                                                        1.286E-05
                                                                                                                                     0.000E+00
                                                                                                                                                   4.370E-01
     123
              0.000E+00
                                                                                                                      0.000E+00
                                                                                                       1.877E-06
              0.000E+00
                             0.000E+00
                                            3.006E-04
                                                           0.000E+00
                                                                         2.356E-05
                                                                                         1.155E-05
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4.885E-01
                                                           0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   5.169E-01
                             0.000E+00
                                                                                        1.573E-05
2.336E-05
                                                                                                       2.616E-06
3.956E-06
                                                                                                                      0.000E+00
     125
              0.000E+00
                                            4.132E-04
                                                                         4.021E-05
                                                                                                                      0.000E+00
                             0.000E+00
                                            6.190E-04
                                                           0.000E+00
                                                                         6.842E-05
                                                                                                                                     0.000E+00
     126
              0.000E+00
              0.000E+00
                             0.000E+00
                                            6.793E-04
                                                           0.000E+00
                                                                         8.457E-05
                                                                                        2.553E-05
                                                                                                       4.386E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   4.650E-01
    128
                                                                         6.297E-05
3.294E-05
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   4.019E-01
                                                                                                                      0.000E+00
              0.000E+00
                             0.000E+00
                                            5.169E-04
                                                           0.000E+00
                                                                                        1.967E-05
                                                                                                       3.333E-06
                                            3.212E-04
2.752E-04
                             0.000E+00
                                                           0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   3.485E-01
              0.000E+00
                                                                                        1,240E-05
                                                                                                       2.043E-06
     129
                                                                                        1.056E-05
1.150E-05
2.147E-05
                                                                                                       1.735E-06
1.905E-06
3.707E-06
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         2.520E-05
2.496E-05
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   2.971E-01
3.063E-01
                                            3.047E-04
                                                           0.000E+00
                                                                                                                      0.000E+00
     131
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         6.810E-05
                                                                                                                                     0.000E+00
                                                                                                                                                   3.388E-01
              0.000E+00
                             0.000E+00
                                            5.774E-04
                                                                                                                      0.000E+00
     132
              0.000E+00
                             0.000E+00
                                            7.839E-04
                                                           0.000E+00
                                                                         1.029E-04
                                                                                        2.911E-05
                                                                                                       5.083E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.846E-01
                                                                                                                                    0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                            8.589E-04
4.279E-04
                                                           0.000E+00
0.000E+00
                                                                         1.118E-04
4.237E-05
                                                                                        3.176E-05
1.608E-05
                                                                                                       5.564E-06
2.711E-06
     134
              0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   3.885E-01
                                                                                                                                                   3.382E-01
              0.000E+00
                                                                                                                      0.000E+00
     135
                                                           0.000E+00
                                                                         2.155E-05
                                                                                        1.063E-05
                                                                                                       1.751E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.015E-01
     136
              0.000E+00
                             0.000E+00
                                            2.811E-04
                                                                                                       1.858E-06
1.724E-06
                                            3.036E-04
                                                           0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   3.116E-01
3.207E-01
     137
              0.000E+00
                             0.000E+00
                                                                         1.609E-05
                                                                                        1.152E-05
                                                                                                                      0 000E+00
                                            2.827E-04
                                                                         1.364E-05
                                                                                        1.085E-05
                                                                                                                      0.000E+00
                             0.000E+00
              0.000E+00
     138
                                            3.307E-04
                                                           0.000E+00
                                                                         1.952E-05
                                                                                        1.272E-05
                                                                                                       2.035E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   3.345E-01
              0.000E+00
                             0.000E+00
     139
              0.000E+00
                             0.000E+00
                                            2.949E-04
3.131E-04
                                                           0.000E+00
0.000E+00
                                                                         1.777E-05
2.428E-05
                                                                                        1.138E-05
1.191E-05
                                                                                                       1.816E-06
1.952E-06
                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   3.302E-01
     140
                                                                                                                                                   2.897E-01
                                                                                                                      0.000E+00
                             0.000E+00
    141
              0.000E+00
                             0.000E+00
                                            2.179E-04
                                                           0.000E+00
                                                                          1.467E-05
                                                                                        8.409E-06
                                                                                                       1.350E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.569E-01
              0.000E+00
                                                                                                       9.705E-07
    143
              0.000E+00
                             0.000E+00
                                            1.580E-04
                                                           0.000E+00
                                                                         8.881E-06
                                                                                        6.144E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.293E-01
                                            1.487E-04
                                                           0.000E+00
                                                                         1.092E-05
                                                                                        5.811E-06
                                                                                                       9.262E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.074E-01
                             0.000E+00
              0.000E+00
    144
                                                                         6.565E-06
              0.000E+00
                             0.000E+00
                                            1.283E-04
                                                           0.000E+00
                                                                                         4.852E-06
                                                                                                       7.839E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.108E-01
              0.000E+00
                             0.000E+00
                                            1.197E-04
                                                           0-000E+00
                                                                         4 880E-06
                                                                                        4.364E-06
                                                                                                       7 236E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   2.075E-01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                      OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                         11/07/95
                                                                                                                                       09:51:16
                                                                                                                                                    Page -
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                         4.051E-06
                                                                                                       6.744E-07
                                                                                                                                                   2.050E-01
    148
149
150
                                            1.057E-04
9.209E-05
                                                                         3.963E-06
3.489E-06
                                                                                                       6.369E-07
5.552E-07
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   1.950E-01
1.813E-01
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                        3.823E-06
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                        3.331E-06
                                            8.066E-05
8.455E-05
                             0.000E+00
                                                                         3.040E-06
                                                                                        2.916E-06
                                                                                                       4.862E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   1.691E-01
              0.000E+00
                                                           0.000E+00
                                                                                        3.060E-06
                                                                                                                                                   1.744E-01
1.767E-01
    151
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         3.248E-06
                                                                                                       5.100E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            8.914E-05
                                                                         3.938E-06
                                                                                                       5.404E-07
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
```

3.257E-06

0.000E+00

0.000E+00

```
1.652E-01
1.549E-01
                                                                                                                                      0.000E+00
                                                        0.000E+00
                                                                        3,282E-06
                                                                                       2.793E-06
                                                                                                       4.667E-07
                                                                                                                       0.000E+00
                         0.000E+00
                                         7.712E-05
153
          0.000E+00
                         0.000E+00
0.000E+00
                                                                                                       4.168E-07
3.785E-07
                                                                                                                                      0.000E+00
0.000E+00
                                         6.881E-05
                                                        0.000E+00
                                                                        3.010E-06
                                                                                       2.491E-06
                                                                                                                      0.000E+00
154
155
          0.000E+00
                                         6.241E-05
6.825E-05
                                                                                                                                                      1.455E-01
                                                                                       2.260E-06
2.563E-06
                                                                                                                       D.000E+00
                                                        0.000E+00
0.000E+00
          0.000E+00
                                                                        2.824E-06
                                                                                                       4.191E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      1.418E-01
156
57
258
          a cone+co
                         0.000E+00
                                                                                                                                                      1.415E-01
                                         7.347E-05
                                                        0.000E+00
                                                                        5,217E-06
                                                                                       2,930E-06
                                                                                                       4.572E-07
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
          0.000E+00
                         0.000E+00
                                                                                       2.671E-06
2.512E-06
                                                                                                       4.326E-07
                                                                                                                                      0.000E+00
                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
          0.000E+00
                         0.000E+00
0.000E+00
                                         7.012E-05
                                                                        4.449E-06
                                         6.691E-05
                                                                        4,224E-06
                                                                                                       4.123E-07
3.654E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                      1.360E-01
1.283E-01
159
          0.000E+00
                                                                                       2.174E-06
                                                                                                                      D.000E+00
          0.000E+00
                         0.000E+00
                                         5.973E-05
                                                        0.000E+00
                                                                        3.339E-06
160
                                                                                                                                                      1.234E-01
                                                                        3.364E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                        0.000E+00
                                                                                        2.048E-06
                                                                                                       3.446E-07
161
          0,000E+00
                         0.000E+00
0.000E+00
                                         5.616E-05
                                         6,203E-05
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                        0.000E+00
                                                                        3.805E-06
                                                                                       2.265E-06
                                                                                                       3.811E-07
                                                                                                                                                      1.329E-01
162
          0.000E+00
                                                                                                       4.374E-07
5.441E-07
                                                                                                                                                      1.429E-01
1.543E-01
                                                        0.000E+00
0.000E+00
                                                                        4.681E-06
7.250E-06
                                                                                       2.621E-06
          0.000E+00
                         0.000E+00
                                         7.087E-05
163
                                                                                        3.461E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.00DE+00
                         0.000E+00
0.000E+00
                                         8.658E-05
          0,000E+00
                                                                                                                                                      1.657E-01
                                         9.90ZE-05
                                                        0.000E+00
                                                                        8.527E-06
                                                                                       3.953E-06
                                                                                                       6.233E-07
5.809E-07
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
165
          0.000E+00
                                                                                                                                                      1.522E-01
          0.000E+00
                         0.000E+00
                                         9,164E-05
7,202E-05
                                                        0.000E+00
0.000E+00
                                                                        8.733E-06
                                                                                       3 663E-06
166
                                                                        6.839E-06
                                                                                        2.852E-06
                                                                                                       4.562E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      1.372E-01
                         0.000E+00
0.000E+00
          0.000E+00
                                                                                                       3.537E-07
2.966E-07
                                                                                       2.091E-06
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                      1.189E-01
                                         5.647E-05
                                                        0.000E+00
                                                                        4.825E-06
168
          0.000E+00
                                                                                                                                                      1.040E-01
                                                                                        1.743E-06
                         0.000E+00
                                         4.731E-05
4.888E-05
                                                        0.000E+00
                                                                        4.103E-06
          0.000E+00
169
                                                        0.000E+00
                                                                        4.241E-06
                                                                                        1.801E-06
                                                                                                       3.064E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      1.064E-01
                         0.000E+00
0.000E+00
170
          0.000E+00
                                                                                                       3.198E-07
3.239E-07
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                      1.073E-01
                                         5.089E-05
                                                        0.000E+00
                                                                        4.564E-06
                                                                                        1.883E-06
171
          D 000E+00
                                                                                                                                                      1.109E-01
                                                                        4.778E-06
                                                                                        1.906E-06
                         0.000E+00
                                         5.141E-05
                                                        0.000E+00
172
          D.000E+00
                                                                                                       3.205E-07
                                         5.076E-05
                                                        0.000E+00
                                                                        4.858E-06
                                                                                        1.885E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      1.145E-01
                         0.000E+00
0.000E+00
          0.000E+00
                                                                                                       3.816E-07
4.582E-07
5.948E-07
                                                                        5.309E-06
5.843E-06
                                                                                       2.250E-06
2.705E-06
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                         6.083E-05
                                                        0.000E+00
                                                                                                                                                      1 359E-01
          0.000E+00
174
                                                                                                                                                      1.637E-01
                         0.000E+00
0.000E+00
0.000E+00
          0.000E+00
                                         7.350E-05
9.599E-05
                                                        0.000E+00
175
                                                        0.000E+00
                                                                        6.885E-06
                                                                                        3.525E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      1.971E-01
176
          0.000E+00
                                                                                                       6.788E-07
6.252E-07
6.932E-07
                                         1.092E-04
9.975E-05
1.111E-04
                                                        0.000E+00
                                                                        8.245E-06
8.582E-06
                                                                                       4.053E-06
3.695E-06
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      2.239E-01
          0.000E+00
177
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      2.426E-01
                                                        0.000E+00
          0.000E+00
                         0.000E+00
178
                                                        0.000E+00
                                                                        8.943E-06
                                                                                        4.094E-06
                                                                                                                       0.000E+00
                                                                                                                                      0,000E+00
                                                                                                                                                      2.669E-01
2.961E-01
                         0.000E+00
0.000E+00
179
          a.pooE+00
                                                                                       4.924E-06
5.448E-06
                                                                                                       8.291E-07
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                         1.338E-04
                                                        0.000E+00
                                                                        9.600E-06
          0 000E+00
180
                                                                        1.051E-05
                                                                                                       9,134E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      3.247E-01
                                         1.474E-04
1.096E-04
                                                        0 000E+00
          0.000E+00
                         0.000E+00
181
                                                                        8.234E-06
6.622E-06
5.685E-06
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                         0.000E+00
                                                         0.000E+00
                                                                                        4.062E-06
                                                                                                       6.811E-07
                                                                                                                                      0.000E+00
                                                                                                                                                      2.568E-01
182
          0.000E \pm 00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                      1.955E-01
                                                                                       2.931E-06
2.153E-06
                                                                                                       4.913E-07
3.618E-07
                                         7.844E-05
5.708E-05
                                                        0.000E+00
          0.000E+00
                         0.000E+00
183
                                                                                                                                                      1.544E-01
          a.pooE+00
                         0.000E+00
                                                                                                       2.979E-07
3.074E-07
                                                                                                                       0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        5,150E-06
                                                                                        1.773E-06
                                                                                                                                      0.000E+00
                                                                                                                                                      1.278E-01
                         0.000E+00
                                         4.658E-05
          0.000E+00
185
                                                                                        1.824E-06
1.821E-06
                                                                                                                                      0.000E+00
                                                                                                                                                      1.237E-01
          0.000E+00
                         0.000E+00
                                         4.826E-05
                                                         0.000E+00
                                                                        5.101E-06
186
                                                         0.000E+00
                                                                        4,930E-06
                                                                                                       3.075E-07
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.197E-01
                                         4,844E-05
          0.000E+00
                         0.000E+00
187
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
          0.000E+00
                         0.000E+00
                                         4.979E-05
                                                         0.000E+00
                                                                        4.800E-06
                                                                                        1.855E-06
                                                                                                       3.146E-07
3.205E-07
                                                                                                                                      0.000E+00
                                                                                                                                                      1.174E-01
188
                                                                                                                                                      1.145E-01
9.711E-02
                                                                                                                                       0.000E+00
                                                                                        1.885E-06
1.648E-06
          0.000E+00
                         0.000E+00
                                         5.076E-05
                                                         0.000E+00
                                                                        4.858E-06
189
                                                                        4.451E-06
                                                                                                       2.799E-07
                                                                                                                                       0.000E+00
                                         4.414E-05
3.903E-05
                                                         0.000E+00
          0.000E+00
                         0.000E+00
                                                                                                       2.480E-07
2.223E-07
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      8.477E-02
7.328E-02
                         0.000E+00
0.000E+00
                                                                        4.195E-06
                                                                                        1.470E-06
                                                                                                                                       0 000E+00
191
192
                                                         0.000E+00
          0.000E+00
                                                                        3.950E-06
1.356E-05
                                                                                                                                       0.000E+00
                                         3,470E-05
2,388E-04
                                                                                        1.313E-06
                                                         0.000E+00
                                                                                        9.287E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.923E-01
                                                         0.000E+00
                                                                                                       1.467E-06
193
          0.000E+00
                         0.000E+00
                                                                                                       1.344E-06
1.276E-06
                                         2.201E-04
                                                         0.000E+00
                                                                        1.069E-05
                                                                                        8.555E-06
                                                                                                                       0.000E+00
                                                                                                                                       0 000E+00
                                                                                                                                                      2.873E-01
                         0.000E+00
          0 000E+00
194
                                         2.109E-04
2.063E-04
                                                                        8.649E-06
8.307E-06
                                                                                        7.825E-06
7.585E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.763E-01
                         0.000E+00
                                                         0.000E+00
195
                                                         0.000E+00
                                                                                                       1.247E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.719E-01
                         0.000E+00
0.000E+00
196
          0.000E+00
                                                                                                                                                      2.696E-01
                                         2,035E-04
                                                         0.000E+00
                                                                        9.042E-06
                                                                                        7 548F-06
                                                                                                       1.235E-06
                                                                                                                       D.000E+00
                                                                                                                                      0 000E+00
197
          0.000E+00
                                                                                                       1.203E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      2,652E-01
                         0.000E+00
                                         1.972E-04
                                                         0.000E+00
                                                                        9.968E-06
                                                                                        7.328E-06
                                                                                                    # OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288
EN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, ISP
                                                      Output File: g:\ace\GQ91\GQTFACE.OUT
                                                                                                                           11/07/95
                                                                                                                                        09:51:16
                                                                                                                                                       Fage :
                                                                                                                                                                 127
File: g:\aca\GQ91\GQTPACE.DAT
                                                                                        7.233E-06
7.344E-06
6.751E-06
                                                                        1.146E-05
1.341E-05
                                                                                                       1.183E-06
1.186E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                         0.000E+00
          0.000E+00
                         0.000E+00
199
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      2.509E-01
                                         1.911E-04
1.765E-04
                                                        0.000E+00
200
          0.000E+00
                         0.000E+00
                                                                                                                                                      2.476E-01
2.452E-01
                                                                        1,226E-05
                                                                                                       1.094E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
201
          0.000E+00
                         0.000E+00
                                                                                        6.279E-06
6.339E-06
1.054E-05
          0.00DE+00
                         0.000E+00
                                         1.644E-04
                                                         0.000E+00
                                                                        1,159E-05
                                                                                                       1 020E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
202
                                                                                                        1,009E-06
                                                                                                                                                      2.420E-01
                                                                                                                                       0.000E+00
                                                                        1.286E-05
                                         1.611E-04
2.725E-04
203
          0.000E+00
                         0.000E+00
                                                         0.000E+00
                                                         0.000E+00
                                                                                                        1.674E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.104E-01
204
          0.00DE+00
                         0.000E+00
                                                                                       9.707E-06
9.137E-06
9.141E-06
8.794E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      3,046E-01
          0.000E+00
                         0.000E+00
                                         2.513E-04
                                                         0.000E+00
                                                                        1.194E-05
                                                                                                       1 532E-06
205
          0.000E+00
                                                                        9.995E-06
                                                                                                        1.482E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.918E-01
                                         2.448E-04
2.450E-04
                         0.000E+00
                                                         0.000E+00
206
                                                                                                       1.484E-06
1.429E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        1.019E-05
                                                                                                                                                      2.881E-01
                         0.000E+00
207
          0.000E+00
                                                                                                                                                      2.869E-01
                         0.000E+00
                                         2.348E-04
                                                         0.000E+00
                                                                        1.109E-05
          0.000E+00
208
                                                                                        8.492E-06
                                                                                                       1.380E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2,822E-01
          0.000E+00
                         0.000E+00
                                         2.250E-04
2.277E-04
                                                        0.000E+00
0.000E+00
                                                                        1.283E-05
209
                                                                                                                                                      2 739E-01
                                                                        1.635E-05
                                                                                        8,657E-06
                                                                                                       1.414E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                         0.000E+00
210
          0.000E+00
                                                                                                       1.542E-06
                                                                                        9.371E-06
7.682E-06
                                                                                                                                      0-000E+00
                                                                                                                                                      2.676E-01
                         D.000E+00
                                         2.455E-04
                                                         0.000E+00
                                                                        2.129E-05
                                                                                                                       0.000E+00
          0.000E+00
211
                                                                                                       1.234E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.655E-01
                                                                        1.542E-05
1.374E-05
          0.000E+00
                         0.000E+00
                                         1.975E-04
1.784E-04
                                                        0.000E+00
                                                                                        6.990E-06
                                                                                                       1.114E-06
                                                                                                                                       0.000E+00
                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                      2.629E-01
                         0.000E+00
0.000E+00
213
          0.000E+00
                                                         0.000E+00
                                                                                                       1.125E-06
1.873E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                          1.787E-04
                                                                        1.559E-05
                                                                                        7.061E-06
                                                                                                                                                      2.586E-01
          0.000E+00
214
215
                                                                                                                                                      3.298E-01
                                                                                        1.179E-05
                                                                        1 591E-05
          0.000E+00
                         0.000E+00
                                         3.062E-04
                                                         0.000E+00
                                         2.834E-04
2.849E-04
                                                         0.000E+00
                                                                        1.311E-05
                                                                                        1.090E-05
                                                                                                        1.726E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.231E-01
          0.000E+00
                         0.000E+00
216
                                                                                        1.086E-05
1.128E-05
1.062E-05
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                        1.257E-05
                         0.000E+00
                                                         0.000E+00
                                                                                                        1,731E-06
                                                                                                                                       0.000E+00
                                                                                                                                                      3.103E-01
          0.000£+00
217
                                                                                                                                       0.000E+00
                                                                                                                                                      3.072E-01
                                                                                                       1.803E-06
                          0.000E+00
                                         2.961E-04
                                                         0.000E+00
                                                                        1.390E-05
          0.000E+00
218
                                                                                                        1.720E-06
                                                                                                                                       0.000E+00
                                                                                                                                                      3.067E-01
                                                                        1.564E-05
          0.000E+00
                         0.000E+00
0.000E+00
                                         2.805E-04
                                                         0.000E+00
                                         2.636E-04
                                                         0.000E+00
                                                                        1.747E-05
                                                                                        9.956E-06
                                                                                                        1.629E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.011E-01
          0.000E+00
220
                                                                                                       1.905E-06
1.842E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      2.919E-01
                                         3.027E-04
                                                                        2.725E-05
2.764E-05
                                                                                        1.144E-05
1.109E-05
                                                                                                                                       0.000E+00
                                                         0.000E+00
          0.000E+00
                         0.000E+00
221
                                                                                                                                       0.000E+00
                                                                                                                                                      2.869E-01
                                         2.914E-04
2.180E-04
          0.000E+00
                         0.000E+00
                                                         0.000E+00
                         0.000E+00
0.000E+00
                                                                                        8.500E-06
7.788E-06
8.389E-06
                                                         0.000E+00
                                                                        1.801E-05
                                                                                                        1.367E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.855E-01
          0.000E+00
0.000E+00
223
                                                                                                       1.240E-06
1.361E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      2.824E-01
                                         1.974E-04
                                                         0.000E+00
                                                                        1.668E-05
                                                                                                                                       0.000E+00
224
                                                                                                                                       0.000E+00
                                         2.144E-04
2.389E-04
2.240E-04
          0.000E+00
                         0.000E+00
                                                         0 000E+00
                                                                        2.111E-05
225
                                                         0.000E+00
                                                                        2,105E-05
                                                                                        9.338E-06
                                                                                                        1.504E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.082E-01
          0.000E+00
0.000E+00
226
                         0.000E+00
                                                                                                                                       0.000E+00
                                                                        2.068E-05
3.128E-05
                                                                                        8.794E-06
                                                                                                       1.415E-06
1.796E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      3.0388-01
                          0.000E+00
                                                         0.000E+00
227
                                                                                        1.083E-05
                                                                                                                                       0.000E+00
                                                                                                                                                      2.959E-01
                                         2.805E-04
2.528E-04
2.480E-04
          0.000E+00
                         0.000E+00
                                                         0.000E+00
                                                                        2.296E-05
                                                                                        9.903E-06
                                                                                                        1.595E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.337E-01
                                                         0.000E+00
229
          0.000E+00
                         0.000E+00
                                                                                                                                                      3.263E-01
                         0.000E+00
                                                         0.000E+00
                                                                        2.397E-05
3.451E-05
                                                                                        9.734E-06
1.182E-05
                                                                                                       1.572E-06
1.957E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
          0.000E+00
230
                                                                                                                                       0.000E+00
                                                                                                                                                      3.160E-01
                         0.000E+00
0.000E+00
                                         3.052E-04
3.022E-04
          0.000E+00
                                                         0.000E+00
                                                                        3.027E-05
                                                                                        1.176E-05
                                                                                                        1,920E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.612E-01
                                                         0.000E+00
232
          0.000E+00
                                                                                                       1.600E-06
1.673E-06
2.573E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.490E-01
          0.000E+00
                         0.000E+00
                                         2.528E-04
                                                         0.000E+00
                                                                        2.367E-05
                                                                                        1.002E-05
233
                                                                                        1.037E-05
1.546E-05
                                                                                                                                                      3.397E-01
                                         2.630E-04
4.017E-04
2.893E-04
                                                                        2.661E-05
4.508E-05
                                                                                                                                       0.000E+00
          0.000E+00
                         0.000E+00
                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.890E-01
                                                         0.000E+00
                         0.000E+00
0.000E+00
235
          0.000E+00
                                                                                                                                                      3.743E-01
          0.000E+00
                                                         0.000E+00
                                                                        2.824E-05
                                                                                        1,142E-05
                                                                                                        1.836E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
236
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.682E-01
                                                                        2.992E-05
3,594E-05
                                                                                        1.139E-05
1.355E-05
                                                                                                       1.853E-06
2.216E-06
          0.000E+00
                          0.000E+00
                                         2.909E-04
                                                         0.000E+00
237
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      4.056E-01
                                         3.481E-04
3.189E-04
                                                         0.000E+00
          0.000E+00
                         0.000E+00
0.000E+00
                                                                         3.284E-05
                                                                                        1.240E-05
                                                                                                        2.030E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.982E-01
                                                         0.000E+00
239
          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                      4,406E-01
                                                                                                                                       0.000E+00
                          0.000E+00
                                          4.160E-04
                                                         0.000E+00
                                                                         4.457E-05
                                                                                        1.601E-05
                                                                                                       2,655E-06
2,336E-06
240
          0.000E+00
                                                                         3.891E-05
                                                                                        1.413E-05
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      4.279E-01
                                         3.663E-04
4.749E-04
3.911E-04
                                                         0.000E+00
                         0.000E+00
0.000E+00
241
          0.000E+00
                                                                         5.184E-05
                                                                                        1,814E-05
                                                                                                        3.034E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                      4.758E-01
4.585E-01
                                                         0.000E+00
          0.000E+00
242
                                                                                                                       0.000E+00
                                                                                        1.494E-05
1.716E-05
                                                                                                       2.492E-06
2.865E-06
                          0.000E+00
                                                         0.000E+00
                                                                         4.129E-05
243
          0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                      5,127E-01
                                         4.507E-04
3.501E-04
                                                         0.000E+00
                                                                         4.614E-05
                                                                                                                                       0.00DE+00
244
          0.000E+00
                         0.000E+00
                                                                        3.214E-05
                                                                                        1.341E-05
                                                                                                        2.208E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      4.912E-01
          0.000E+00
                         0.000E+00
                                                         0.000E+00
245
```

```
0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        2.146E-02
                                             1.454E-05
                                                            0.000E+00
                                                                           1.909E-06
                                                                                           5.695E-07
                                                                                                          9.455E-08
     246
               0.000E+00
                              0.000E+00
                                                                           2.080E-06
2.289E-06
1.960E-06
                                                                                           6.331E-07
7.077E-07
                                                                                                                                                        2.359E-02
     247
              0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                             1.636E-05
1.819E-05
                                                            0.000E+00
0.000E+00
                                                                                                          1.060E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                          1.178E-07
1.082E-07
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        2.620E-02
3.136E-02
                                                                                                                         0.000E+00
     248
    249
250
                                                                                                                         0.000E+00
                                                                                           6.660E-07
               0.000E+00
                              0,000E+00
                                             1.680E-05
                                                            0.000E+00
                                                                                           6.334E-07
                                                                                                          1.043E-07
                                                                                                                         0.000E+00
                                                                                                                                         0,000E+00
                                                                                                                                                        3.695E-02
                                             1.642E-05
                                                            0.000E+00
                                                                            1.646E-06
               0.000E+00
                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                      TSP
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                           09:51:16
                                                                                                                                                         Page -
                                                                                                                                                                   128
                                                                                                                                         0.000E+00
                                             1.775E-05
1.832E-05
1.934E-05
                                                                                           6.783E-07
                                                                                                          1.119E-07
                                                                                                                         0.000E+00
                              0.000E+00
                                                            0 000E+00
                                                                            1 615E-06
                                                                                          6.783E-07
6.793E-07
7.255E-07
7.073E-07
7.105E-07
7.197E-07
7.156E-07
                                                            0.000E+00
0.000E+00
                                                                                                          1.140E-07
1.202E-07
1.184E-07
                                                                           1.414E-06
1.431E-06
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        4.651E-02
4.906E-02
    252
253
              0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                        4.928E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                            1.251E-06
                              0.000E+00
                                             1.920E-05
                                                            0.000E+00
               0.000E+00
                                                            0.000E+00
                                                                            1.207E-06
                                                                                                          1.195E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.959E-02
                                             1.944E-05
     255
                              0.000E+00
               0.000E+00
                                                                            1.199E-06
1.091E-06
                                                                                                          1.210E-07
1.202E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.288E-02
                              0.000E+00
                                             1.970E-05
                                                            0.000E+00
               0.000E+00
     256
                                                            0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.472E-02
               0.000E+00
                              0.000E+00
                                             1.966E-05
                                                                            1.012E-06
                                                                                           6.919E-07
                                                                                                          1.163E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.505E-02
                              0.000E+00
                                             1.905E-05
                                                            0.000E+00
     258
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.443E-02
                                                                                           6.499E-07
5.850E-07
                                                                                                          1.088E-07
9.787E-08
                                                            0.000E+00
0.000E+00
                                                                            8.827E-07
7.545E-07
                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             1.787E-05
     259
                                                                                                                                                        5.197E-02
4.706E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
     260
               0.000E+00
                              0.000E+00
                                             1.612E-05
                                             1.462E-05
                                                            0.000E+00
                                                                            6.882E-07
                                                                                           5.301E-07
                                                                                                          8.877E-08
                                                                                                                         0.000E+00
                                                                                                                                         0 000E+00
                              0.000E+00
     261
               0.000E+00
                                                                                           4.939E-07
4.979E-07
5.357E-07
5.866E-07
                                                                                                          8.265E-08
8.341E-08
9.010E-08
9.890E-08
                                                                                                                                         0.000E+00
                                                                                                                                                        4.237E-02
                                                                            6.362E-07
6.869E-07
                                                                                                                         0.000E+00
                              0.000E+00
                                             1.361E-05
                                                            0.000E+00
               0.000E+00
     262
                                                                                                                                                        3.741E-02
3.544E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                            0.000E+00
     263
                                             1-370E-05
               0.000E+00
                              0 000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            8.402E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                              1.471E-05
               0.000E+00
     264
                                                                                                                                                        3.705E-02
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                             1 607E-05
                                                            0.000E+00
                                                                            1.020E-06
     265
                                                                                                          1.115E-07
1.209E-07
1.258E-07
1.232E-07
                                                                                          6.615E-07
7.185E-07
7.489E-07
7.348E-07
                                                                            1.321E-06
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.139E-02
                                                            0.000E+00
                                             1.797E-05
     266
               0.000E+00
                              0 000E+00
                                                                            1.552E-06
1.742E-06
1.779E-06
                                                                                                                                                        4.307E-02
                                                                                                                         0.000E+00
0.000E+00
                                              1.938E-05
                                                            0.000E+00
                                                                                                                                         0_000E+00
               0.000E+00
                              0.000E+00
     267
                                                                                                                                                        4.359E-02
                                                                                                                                         0.000E+00
                                             2.005E-05
1.957E-05
                                                            0.000E+00
0.000E+00
     268
               0.000E+00
                              0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.364E-02
     269
               0.000E+00
                              0 000E+00
                                                                                           7.153E-07
7.094E-07
                                                            0.000E+00
                                                                            1.790E-06
                                                                                                          1.198E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4 328E-02
                              0.000E+00
                                             1.897E-05
               0.000E+00
     270
                                                                                                                                                        4.094E-02
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                            1.890E-06
1.700E-06
                                                                                                          1.187E-07
1.059E-07
               0.000E+00
                              0.000E+00
                                             1.870E-05
                                                            0.000E+00
     271
                                                                                           6.333E-07
5.265E-07
                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.751E-02
                                             1.668E-05
               0 000E+00
                              0.000E+00
                                                                                                                         0.000E+00
0.000E+00
               0.000E+00
                              0.000E+00
                                              1.394E-05
                                                             0.000E+00
                                                                            1.345E-06
                                                                                                          8.817E-08
                                                                                                                                         0.000E+00
                                                                                                                                                        3.469E-02
     273
                                                                                                                                         0.000E+00
                                                                                                                                                        3.193E-02
                                                                                           4.564E-07
4.386E-07
                                                                                                          7.648E-08
7.426E-08
               0.000E+00
                              0.000E+00
                                             1.213E-05
                                                            0.000E+00
                                                                            1.130E-06
1.333E-06
     274
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.141E-02
                                                            0.000E+00
     275
               0.000E+00
                              0.000E+00
                                             1.158E-05
                              0.000E+00
                                                            0.000E+00
                                                                            1.462E-06
1.506E-06
                                                                                           4.904E-07
5.290E-07
                                                                                                          8.243E-08
8.943E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.437E-02
               0.000E+00
                                              1.286E-05
     276
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.698E-02
                                             1.403E-05
1.508E-05
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            1.505E-06
                                                                                           5.630E-07
                                                                                                          9.554E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.134E-02
3.794E-02
                                                            0.000E+00
                              0.000E+00
     278
               0 000E+00
                                              1.626E-05
                                                                            1.528E-06
1.520E-06
1.469E-06
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                           6.062E-07
                                                                                                          1.026E-07
                                                                                                                          0.000E+00
     279
                                                                                           6.062E-07
6.610E-07
7.157E-07
7.588E-07
7.657E-07
7.925E-07
7.992E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.397E-02
                              0.000E+00
0.000E+00
                                             1.780E-05
1.944E-05
                                                                                                          1.115E-07
     280
               0.000E+00
                                                            0.000E+00
                                                            0.000E+00
                                                                                                          1.208E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.942E-02
               0.000E+00
     281
                                                                                                                                         0.000E+00
                                                                                                                                                        5.367E-02
                                                            0.000E+00
0.000E+00
                                                                            1.460E-06
1.294E-06
                                                                                                          1.277E-07
                                                                                                                          0.000E+00
               0.000E+00
                              0.000E+00
                                              2.063E-05
     282
                                                                                                          1.286E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.385E-02
                              0.000E+00
0.000E+00
                                             2.093E-05
     283
               0.000E+00
                                                                                                          1.333E-07
1.344E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        5.518E-02
5.766E-02
                                              2.169E-05
                                                             0.000E+00
                                                                            1.329E-06
                                                                                                                                         0.000E+00
               0.000E+00
     284
                                                                                                                                         0.000E+00
                                                                            1.300E-06
1.191E-06
               0.000E+00
                              0.000E+00
                                             2.191E-05
                                                            0.000E+00
     285
                                                            0.000E+00
                                                                                           7.964E-07
                                                                                                          1.338E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6.029E-02
     286
               0.000E+00
                              0.000E+00
0.000E+00
                                             2.191E-05
                                              2.105E-05
                                                             0.000E+00
                                                                            1.101E-06
                                                                                           7.647E-07
                                                                                                          1.284E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6.061E-02
     287
               0.000E+00
                                                                                                                                                        5.944E-02
5.575E-02
                                                                            9.272E-07
8.001E-07
                                                                                                          1.185E-07
1.055E-07
                                                                                                                                         0.000E+00
                              0.000E+00
                                              1.951E-05
                                                            0.000E+00
0.000E+00
                                                                                           7.081E-07
                                                                                                                          0.000E+00
               0.000E+00
     288
                                                                                           6.308E-07
5.789E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
0.000E+00
     289
               0.000E+00
                                             1.739E-05
                                                                            7.413E-07
7.033E-07
8.522E-07
                                              1.596E-05
                                                                                                                                                        5.026E-02
4.405E-02
                                                             0.000E+00
                                                                                                          9,691E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
               0 000E+00
     290
                                                                                                                                         0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                          9.249E-08
9.767E-08
                                                                                                                          0 000E+00
                              0.000E+00
                                              1.524E-05
                                                                                           5.533E-07
     291
               0.000E+00
                                                                                           5.819E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.016E-02
                                             1.600E-05
1.740E-05
                              0.000E+00
0.000E+00
     292
               0.000E+00
                                                                            1.041E-06
                                                             0.000E+00
                                                                                           6.343E-07
                                                                                                          1.068E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.960E-02
     293
               0.000E+00
                                                                            1.279E-06
1.458E-06
1.633E-06
                                                                                                                                         0.000E+00
                                                                                                                                                        4.385E-02
               0.000E+00
                              0.000E+00
                                              1.892E-05
                                                             0.000E+00
                                                                                           6.930E-07
7.402E-07
                                                                                                          1.168E-07
                                                                                                                          0.000E+00
     294
                                                                                                          1.246E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.703E-02
                              0.000E+00
0.000E+00
                                             2.009E-05
2.065E-05
                                                             0.000E+00
     295
               0.000E+00
                                                             0.000E+00
                                                                                           7.670E-07
                                                                                                          1.288E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.800E-02
     296
               0.000E+00
                                                                                                                                                        4.822E-02
                                                                                                                                         0.000E+00
     297
               0.000E+00
                              0.000E+00
                                              2.020E-05
                                                             0.000E+00
                                                                            1.697E-06
1.596E-06
                                                                                           7.551E-07
                                                                                                          1.265E-07
                                                                                                                          0.000E+00
                                                                                           7.049E-07
                                                                                                          1.179E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.769E-02
     298
               0.000E+00
                              0.000E+00
0.000E+00
                                              1.881E-05
                                                             0.000E+00
                                                                            1.529E-06
1.400E-06
1.271E-06
                                                                                                                                                        4.519E-02
                                              1.742E-05
                                                             0.000E+00
                                                                                           6.543E-07
                                                                                                          1.094E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
     299
               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.136E-02
                                                                                                          9.835E-08
8.870E-08
                                                            0.000E+00
0.000E+00
                                                                                           5.877E-07
               0.000E+00
                              0.000E+00
                                              1.564E-05
     300
                                                                                           5.303E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.797E-02
                              0.000E+00
0.000E+00
                                              1 410E-05
     301
               0.000E+00
                                             1.247E-05
                                                             0.000E+00
                                                                            1.107E-06
                                                                                                          7.838E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3 447E-02
                                                                                           4.684E-07
               0.000E+00
     302
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                             11/07/95
                                                                                                                                           09:51:16
                                                                                                                                                         Page -
                                                                                                                                                                  129
                                                                                                          6.981E-08
7.490E-08
                                                                                                                          0.000E+00
               0.000E+00
                                                                                           4.167E-07
                              0.000E+00
                                             1.111E-05
                                                             0.000E+00
                                                                            9.806E-07
                                                                                           4.379E-07
4.738E-07
                                                                                                                                                        2.094E-02
2.455E-02
                                              1.174E-05
                                                             0.000E+00
                                                                            1.286E-06
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
               0 000E+00
                              0.000E+00
     304
                                                                                                                                         0 000E+00
                                                                            1.402E-06
                                                                                                                          0.000E+00
     305
               0.000E+00
                              0.000E+00
                                              1.264E-05
                                                             0.000E+00
                                                                                                          8.076E-08
                                                                                                                                         0.000E+00
                                                                                                                                                        2.814E-02
                                                                                           5.243E-07
                                                                                                          8.936E-08
9.886E-08
                                                                                                                          0.000E+00
                                                                            1.486E-06
1.578E-06
                              0.000E+00
                                              1.404E-05
                                                             0.000E+00
     306
               0.000E+00
                                                                                           5.803E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.181E-02
                                              1.559E-05
1.719E-05
                                                             0.000E+00
     307
               0.000E+00
                              0.000E+00
                                                                                                          1.085E-07
1.176E-07
1.305E-07
                              0.000E+00
                                                             0.000E+00
                                                                            1.632E-06
                                                                                           6.375E-07
6.930E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.863E-02
               0.000E+00
     308
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.617E-02
                                                                            1.615E-06
1.613E-06
               0.000E+00
                              0.000E+00
                                              1.877E-05
                                                             0.000E+00
     309
                                                                                           7.714E-07
                                                                                                                          0.000E+00
                                                                                                                                                        5.261E-02
                                                             0.000E+00
                                                                                                                                         0.000E+00
     310
               0.000E+00
                              0.000E+00
                                              2.098E-05
                                             2.272E-05
2.352E-05
                                                                                                          1.407E-07
1.446E-07
1.500E-07
                              0.000E+00
                                                             0.000E+00
                                                                            1.622E-06
                                                                                           8.333E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.886E-02
               0.000E+00
     311
                                                                                                                                         0.000E+00
                                                                                                                                                        5.918E-02
                                                                            1.447E-06
1.477E-06
                                                                                                                          0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                           8.606E-07
8.918E-07
     312
               0.000E+00
                              0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6.184E-02
     313
               0.000E+00
                              0.000E+00
                                              2.442E-05
                              0.000E+00
                                                             0.000E+00
                                                                            1.423E-06
                                                                                           8.982E-07
                                                                                                          1.510E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6.337E-02
                                              2.465E-05
     314
315
               0.000E+00
                                                                            1.322E-06
1.203E-06
                                                                                                          1.507E-07
1.429E-07
                                                                                                                                         0.000E+00
                                                                                                                                                        6.700E-02
                                                                                           8.971E-07
8.518E-07
                                                                                                                          0 000E+00
               0.000E+00
                              0.000E+00
                                              2.469E-05
                                                             0.000E+00
                                                             0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6.706E-02
                                              2.345E-05
     316
               0.000E+00
                              0.000E+00
                                              2.139E-05
                                                             0.000E+00
                                                                            1.000E-06
                                                                                           7.761E-07
                                                                                                          1.299E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6 507E-02
                              0.000E+00
               0.000E+00
     317
                                                                                                                                                        6.008E-02
                              0.000E+00
                                              1.912E-05
                                                             0.000E+00
                                                                            8.733E-07
                                                                                           6.930E-07
                                                                                                          1.160E-07
1.077E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
     318
                                                                                           6.442E-07
                                                                                                                                         0.000E+00
                                                                                                                                                        5.325E-02
                                              1.777E-05
1.769E-05
                                                                            7.948E-07
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                             0.000E+00
                                                                            8.497E-07
                                                                                           6.425E-07
                                                                                                           1.076E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.643E-02
                              0.000E+00
     320
               0.000E+00
                                                                                                                                                        4.422E-02
                                                                                                                                         0.000E+00
                                                                                           6.945E-07
7.527E-07
     321
               0.000E+00
                              0.000E+00
                                              1.908E-05
                                                             0.000E+00
                                                                            1.067E-06
                                                                                                          1.167E-07
                                                                                                                          0.000E+00
                                                                            1.308E-06
1.502E-06
                                                                                                          1.268E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.628E-02
                                                             0.000E+00
0.000E+00
     322
               0.000E+00
                              0.000E+00
                                              2.060E-05
                                                                                           8.013E-07
                                                                                                           1.349E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.133E-02
                                              2.181E-05
                              0.000E+00
     323
               0.000E+00
                                                                                                                                                        5.303E-02
                                                                                           8.205E-07
7.907E-07
                                                                                                          1.377E-07
1.324E-07
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
                                              2.218E-05
                                                             0.000E+00
                                                                            1.639E-06
     324
               0.000E+00
                                                                            1.644E-06
                                                                                                                                         0.000E+00
                                                                                                                                                         5.370E-02
     325
               0.000E+00
                              0.000E+00
                                              2.126E-05
                                                             0.000E+00
                                                                                                          1.234E-07
1.117E-07
1.001E-07
                                              1.979E-05
                                                             0.000E+00
                                                                            1.562E-06
                                                                                           7.388E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.298E-02
                              0.000E+00
     326
               0.000E+00
                                                                                                                                                        5.029E-02
                                                                                                                                         0.000E+00
                              0.000E+00
                                              1.788E-05
                                                             0.000E+00
                                                                            1.442E-06
                                                                                           6.686E-07
5.991E-07
                                                                                                                          0.000E+00
     327
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.596E-02
               0.000E+00
                              0.000E+00
                                              1.601E-05
                                                             0.000E+00
                                                                            1.320E-06
     328
                                                                                           5.260E-07
                                                                                                           8.789E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.175E-02
                                                             0.000E+00
                                                                            1,145E-06
               0.000E+00
                              0.000E+00
                                              1.407E-05
     329
                                              1.248E-05
                                                             0.000E+00
                                                                            1.015E-06
                                                                                           4.665E-07
                                                                                                           7.798E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.733E-02
     330
               0.000E+00
                              0.000E+00
                                                                                                                                                        3.226E-02
2.797E-02
                                              1.128E-05
                                                                                                                                         0.000E+00
                                                                                                           7.055E-08
                                                                                                                          0.000E+00
     331
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            9.306E-07
                                                                                           4.215E-07
                                                                                                          6.353E-08
7.605E-08
                                                                            8.321E-07
                                                                                           3.792E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
                                              1.016E-05
                                                             0.000E+00
     332
               0 000E+00
                                                                            1.334E-06
                                                                                           4.458E-07
                                                                                                                                                        2.001E-02
               0.000E+00
                              0.000E+00
                                              1.189E-05
                                                             0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0 000E+00
     333
                                                                                                          8.558E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              1.340E-05
                                                             0.000E+00
                                                                            1.475E-06
                                                                                           5.018E-07
     334
```

```
2.858E-02
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                            1.574E-06
                                                                                           5.431E-07
                                                                                                          9.243E-08
                                             1.449E-05
                                                            0.000E+00
    335
               0.000E+00
                              0.000E+00
                                             1.627E-05
1.831E-05
                                                                            1.675E-06
1.778E-06
1.826E-06
                                                                                           6.064E-07
6.796E-07
                                                                                                          1.033E-07
1.157E-07
                                                                                                                                                         3.314E-02
                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
    336
337
               0.000E+00
                                                                                                                                                         3.908E-02
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
               0.000E+00
                                                            0.000E+00
                                                                                                           1.276E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         4.808E-02
                                             2.030E-05
                                                             0.000E+00
     338
               0.000E+00
                              0.000E+00
                                                                                                          1.419E-07
1.558E-07
                                                                                                                          0.000E+00
0.000E+00
                                                                                           8.374E-07
                                                                                                                                         0.000E+00
                                                                                                                                                         5.611E-02
                                              2.276E-05
                                                             0,000E+00
                                                                            1.804E-06
               0.000E+00
                              0.000E+00
                                                                                                                                                         6.472E-02
                                                                                                                                         0.000E+00
     140
                              0.000E+00
                                             2.515E-05
2.659E-05
                                                             0.000E+00
                                                                            1.810E-06
                                                                                           9.216E-07
                                                                                                                                                         6.566E-02
6.969E-02
                                                             0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                            1.640E-06
                                                                                                           1.634E-07
    341
               0.000E+00
                              0 000E+00
                                                                                                          1.702E-07
1.730E-07
                                                                                                                                         0.000E+00
               0.000E+00
                              0.000E+00
                                              2.774E-05
                                                             0.000E+00
                                                                            1.657E-06
                                                                                           1.012E-06
                                                                                                                          0.000E+00
    342
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         7.047E-02
                                                                                           1.030E-06
                                             2.826E-05
2.809E-05
     343
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                            1.603E-06
                                                                                                                          0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                            1.020E-06
                                                                                                          1.714E-07
                                                                                                                                         0.000E+00
                                                                                                                                                         7.524E-02
               0.000E+00
                              0 000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         7.470E-02
                                             2.630E-05
2.361E-05
                                                            0.000E+00
0.000E+00
                                                                                           9.545E-07
8.557E-07
                              0.000E+00
                                                                            1.307E-06
                                                                                                           1.601E-07
               0.000E+00
     345
                                                                            1.076E-06
                                                                                                           1.432E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         7.158E-02
     346
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            9.639E-07
                                                                                           7.767E-07
                                                                                                          1.300E-07
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         6.516E-02
                                              2.144E-05
                              0 000E+00
     347
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.606E-02
                              0.000E+00
                                              2.033E-05
                                                             0.000E+00
                                                                            8.855E-07
                                                                                           7 372E-07
                                                                                                           1 231E-07
               0.000E+00
     348
                                                                                            7.722E-07
                                                                                                           1.295E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.076E-02
                                                             0.000E+00
                                                                            1.090E-06
                              0.000E+00
0.000E+00
                                              2.126E-05
               0.000E+00
                                                                                                          1.407E-07
1.496E-07
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.023E-02
                                              2.293E-05
                                                             0.000E+00
                                                                            1.362E-06
                                                                                           8.362E-07
     350
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.553E-02
                                                             0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                              2.426E-05
                                                                            1.602E-06
1.742E-06
                                                                                           8.891E-07
               0.000E+00
     351
                                                                                                          1.524E-07
1.455E-07
                                                                                            9.081E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.887E-02
                              0.000E+00
0.000E+00
                                             2.461E-05
2.344E-05
               0.000E+00
                                                                                                                                         0 000E+00
                                                                                                                                                         6.025E-02
                                                                            1.731E-06
                                                                                            8.698E-07
                                                                                                                          0.000E+00
     353
               0.000E+00
                                                                                                          1.325E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         5.941E-02
                              0.000E+00
                                             2.133E-05
                                                             0.000E+00
                                                                            1.580E-06
                                                                                            7.936E-07
               0.000E+00
     354
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                              11/07/95
                                                                                                                                            09:51:16
                                                                                                                                                          Page - 130
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                            7.086E-07
                                                                                                          1.182E-07
1.047E-07
9.156E-08
                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                         5.644E-02
                                                             0.000E+00
                              0.000E+00
               0.000E+00
                                                                                           6.270E-07
5.486E-07
                                                                                                                                         0.000E+00
                                                                                                                                                         5.151E-02
                                              1.682E-05
1.472E-05
1.296E-05
                                                             0.000E+00
0.000E+00
                                                                            1.285E-06
1.120E-06
                              0.000E+00
     356
               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         4.618E-02
                              0.000E+00
0.000E+00
     357
               0.000E+00
                                                                                                           8.061E-08
                                                                                                                                         0.000E+00
               0.000E+00
                                                             0.000E+00
                                                                            9.870E-07
                                                                                            4.825E-07
                                                                                                                          0.000E+00
                                                                                                                                                         4.064E-02
     358
                                                                                                           7.218E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         3.476E-02
                                              1.159E-05
1.039E-05
                                                             0.000E+00
0.000E+00
                                                                            8.938E-07
8.019E-07
                                                                                            4.315E-07
                              0.000E+00
               0.000E+00
     359
                                                                                                           6.467E-08
5.877E-08
7.808E-08
                                                                                                                                                         3.015E-02
2.722E-02
                                                                                            3.860E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
0.000E+00
               0.000E+00
     360
                                                                                           3.502E-07
4.598E-07
                                                                                                                                         0.000E+00
               0.000E+00
                                                             0.000E+00
                                                                            7.386E-07
                                                                                                                          0.000E+00
     361
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.104E-02
                                                                            1.395E-06
     362
               0.000E+00
                              0.000E+00
                                              1.218E-05
                                                             0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                            5.145E-07
                                                                                                           8.754E-08
                                                                                                                                         0.000E+00
                                                                                                                                                         2 366E-02
                              0.000E+00
                                              1.369E-05
                                                                            1.529E-06
     363
               0.000E+00
                                                                                                           9.847E-08
                                                                                                                                         0.000E+00
                                                                                                                                                         2.882E-02
                                                                            1.696E-06
1.775E-06
                              0.000E+00
                                              1.542E-05
                                                             0.000E+00
                                                                                            5.791E-07
               0,000E+00
     364
                                                                                           6.316E-07
7.178E-07
                                                                                                           1.076E-07
                                                                                                                                          0.000E+00
                                                                                                                                                         3.408E-02
               0.000E+00
                              0.000E+00
0.000E+00
                                              1.692E-05
1.929E-05
                                                             0.000E+00
                                                             0.000E+00
                                                                            1.933E-06
                                                                                                           1.222E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         4.031E-02
               0.000E+00
     366
                                                                                                                          0.000E+00
0.000E+00
                                                                                                          1.383E-07
1.556E-07
1.727E-07
                                                                                                                                         0.000E+00
                                                                                                                                                         4.967E-02
                              0.000E+00
                                              2.195E-05
                                                             0.000E+00
                                                                            2.036E-06
2.055E-06
                                                                                           8.123E-07
9.180E-07
               0.000E+00
     367
                                                                                                                                                         5.998E-02
7.113E-02
                                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
                                              2.489E-05
2.787E-05
                                                             0.000E+00
     368
               0.000E+00
                                                             0.000E+00
                                                                            2.017E-06
                                                                                            1.021E-06
                                                                                                                          0.000E+00
                                                                                                                                          0 000E+00
               0.000E+00
     369
                                                                                                          1.861E-07
                                                                                           1.107E-06
1.159E-06
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         7.356E-02
                              0.000E+00
                                              3.025E-05
                                                             0 000E+00
                                                                            1.889E-06
     370
                                                                                                           1.949E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         7.878E-02
                                                                            1.877E-06
                              0.000E+00
0.000E+00
                                              3.178E-05
3.263E-05
                                                             0.000E+00
               0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                         7.937E-02
8.527E-02
                                                                            1.789E-06
                                                                                            1.187E-06
                                                                                                           1.994E-07
                                                                                                                                          0.000E+00
                                                             0.000E+00
     372
               0.000E+00
                                              3.217E-05
2.967E-05
                                                                            1.658E-06
1.423E-06
                                                                                           1.167E-06
1.076E-06
                                                                                                           1.961E-07
                                                                                                                                          0.000E+00
                              0.000E+00
                                                             0.000E+00
     373
                                                                                                           1.803E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         8.381E-02
                                                             0.000E+00
                              0.000E+00
0.000E+00
     374
               0.000E+00
                                                                                                          1.615E-07
1.483E-07
                                                                                                                                                         7.939E-02
               0.000E+00
                                              2.665E-05
                                                             0.000E+00
                                                                            1.176E-06
                                                                                            9.653E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
     375
                                                                                                                                          0.000E+00
                                                                                                                                                         7.060E-02
                                                                                                                          0.000E+00
                                              2.449E-05
2.435E-05
2.592E-05
     376
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.054E-06
                                                                                            8.870E-07
                                                                                                           1.477E-07
                                                                                                                                                         6.029E-02
5.735E-02
                                                             0.000E+00
                                                                            1.107E-06
                                                                                            8.832E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
               0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                            1.409E-06
                                                                                            9.427E-07
                                                                                                           1 584E-07
     378
                                                                                                           1.684E-07
1.717E-07
                                                                                            1.001E-06
                                                                                                                          0.000E:00
                                                                                                                                          0.000E100
                                                                                                                                                         6.001E 02
                                              2.738E-05
2.779E-05
                                                             0.000E+00
0.000E+00
                                                                            1.713E-06
               0.000E+00
                              0.000E+00
                                                                            1.894E-06
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         6.565E-02
6.802E-02
                              0.000E+00
0.000E+00
     380
               0.000E+00
               0.000E+00
                                              2.655E-05
                                                             0.000E+00
                                                                            1.902E-06
                                                                                            9.841E-07
                                                                                                           1.646E-07
                                                                                                                          0.000E+00
                                                                                                                                          0 000E+00
     381
                                                                                                                                          0.000E+00
                                                                                            8.914E-07
                                                                                                           1.487E-07
                                                                                                                          0.000E+00
                                                                                                                                                         6.735E-02
                                                                            1.726E-06
               0.000E+00
                              0.000E+00
                                              2.397E-05
                                                             0.000E+00
     382
                                                                            1.527E-06
                                                                                                           1.307E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         6.394E-02
                                                             0.000E+00
                                                                                            7.835E-07
               0.000E+00
                              0.000E+00
                                              2.106E-05
     383
               0.000E+00
0.000E+00
                              0.000E+00
                                              1.825E-05
                                                             0.000E+00
                                                                            1.325E-06
                                                                                            6.789E-07
                                                                                                           1.132E-07
9.755E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         5.823E-02
     384
                                                                                                                                          0.000E+00
                                                                                                                                                         5.142E-02
                                                                                                                          0.000E+00
                                                                                            5.849E-07
                                                             0.000E+00
0.000E+00
                                                                            1.134E-06
9.994E-07
     385
                              0.000E+00
                                              1.573E-05
                                                                                            5.114E-07
                                                                                                           8.541E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         4.453E-02
     386
               0.000E+00
                              0.000E+00
                                              1.377E-05
                                                                                                                                                         3.772E-02
               0.000E+00
                              0.000E+00
                                              1.213E-05
                                                             0.000E+00
                                                                            8.909E-07
                                                                                            4.502E-07
                                                                                                           7.531E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
     387
                                                                                           3.991E-07
3.589E-07
                                                                                                           6.688E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         3.272E-02
                                                                            7.989E-07
7.327E-07
                              0.000E+00
                                              1.077E-05
                                                             0.000E+00
     388
                                                                                                           6.029E-08
5.430E-08
                                                                                                                                                         2.958E-02
2.752E-02
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                              9.698E-06
8.727E-06
                                                             0 000E+00
     389
                                                                                            3.226E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                            6.685E-07
     390
                                                                                                           8.136E-08
8.997E-08
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.252E-02
               0.000E+00
                              0.000E+00
                                              1.266E-05
                                                             0.000E+00
                                                                            1.488E-06
1.595E-06
                                                                                            4.831E-07
5.304E-07
     391
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.435E-02
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                              1.405E-05
1.593E-05
                                                             0.000E+00
     392
                                                                            1.756E-06
                                                                                            5.985E-07
                                                                                                           1.017E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.845E-02
                                                             0.000E+00
     393
                                                                                                                                                         3.437E-02
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                              1.807E-05
                                                                                                           1.153E-07
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            1.967E-06
                                                                                           6.802E-07
7.624E-07
     394
                                                                            2.077E-06
2.261E-06
                                                                                                           1.297E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                              2.045E-05
2.352E-05
     395
               0.000E+00
                                                             0.000E+00
                                                                                                                                                         5.120E-02
6.389E-02
                                                             0.000E+00
                                                                                            8.732E-07
                                                                                                           1.486E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
     396
397
               0.000E+00
                                                                                            9.999E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                            2.337E-06
2.320E-06
                                                                                                           1.698E-07
1.939E-07
                                              2.710E-05
                                                             0.000E+00
               0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                                                                            1.147E-06
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         7.789E-02
                                                             0_000E+00
               0.000E+00
                                              3.124E-05
                                              3.475E-05
3.700E-05
                                                                                                                                                         8.350E-02
8.976E-02
                                                             0.000E+00
                                                                            2.224E-06
                                                                                            1.272E-06
                                                                                                           2.140E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
     399
               0.000E+00
                                                                                           1.349E-06
1.396E-06
                                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                            2.156E-06
2.044E-06
                                                                                                           2.268E-07
                                                                                                                          0.000E+00
               0.000E+00
     400
                                                                                                                                          0.000E+00
                                                                                                           2.343E-07
                                                                                                                           0.000E+00
                                                                                                                                                         9.092E-02
               0.000E+00
                              0.000E+00
0.000E+00
                                              3.839E-05
3.747E-05
                                                             0.000E+00
     401
                                                             0.000E+00
                                                                            1.888E-06
                                                                                            1.359E-06
                                                                                                           2.282E-07
                                                                                                                           0 000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         9.766E-02
               0.000E+00
     402
                                                                                                           2.067E-07
1.880E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         9.477E-02
                                                                                           1.234E-06
1.124E-06
               0.000E+00
                              0.000E+00
                                              3.405E-05
                                                             0.000E+00
                                                                            1.581E-06
     403
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         8.871E-02
                                                                            1.341E-06
1.196E-06
                                              3.104E-05
2.913E-05
     404
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                            1.055E-06
                                                                                                           1.761E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         7.567E-02
     405
               0.000E+00
                                                                                                                                          0 000E+00
                                                                                                                                                         6.729E-02
                                              2.998E-05
                                                             0.000E+00
                                                                            1.474E-06
                                                                                            1.088E-06
                                                                                                           1.824E-07
                                                                                                                          0.000E+00
               0.000E+00
     406
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
                                                                                                                              11/07/95
                                                                                                                                            09:51:16
                                                                                                                                                          Page -
               0.000E+00
                                                                                                                          0.000E+00
                              0.000E+00
                                              3.155E-05
3.211E-05
3.052E-05
                                                             0.000E+00
                                                                            1.852E-06
                                                                                            1.150E-06
                              0.000E+00
0.000E+00
                                                                            2.107E-06
2.117E-06
1.895E-06
                                                             0.000E+00
                                                                                            1.180E-06
                                                                                                           1.980E-07
1.888E-07
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                         7.307E-02
7.742E-02
               0.000E+00
     408
                                                                                            1.129E-06
1.014E-06
                                                             0.000E+00
0.000E+00
     409
               0.000E+00
                                              2.730E-05
2.370E-05
                                                                                                           1.689E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         7.735E-02
                              0.000E+00
0.000E+00
     410
               0.000E+00
                                                                            1.659E-06
                                                                                                           1.468E-07
1.249E-07
                                                                                                                                                         7.324E-02
                                                             0.000E+00
                                                                                            8.807E-07
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
     411
412
               0.000E+00
                                                                                                                                          0.000E+00
                                                             0.000E+00
0.000E+00
                                                                            1.407E-06
1.196E-06
                                                                                            7.496E-07
6.393E-07
                                                                                                                           0.000E+00
                                                                                                                                                         6.647E-02
                              0.000E+00
                                              2.018E-05
               0.000E+00
                                              1.722E-05
1.482E-05
                                                                                                           1.066E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         5.767E-02
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
     413
                                                                                                                                          0.000E+00
                                                                                                           9.174E-08
                                                                                                                                                         4.914E-02
                                                             0.000E+00
                                                                            1.039E-06
                                                                                            5.493E-07
                                                                                                                           0.000E+00
     414
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         4.124E-02
                                                                                                           7.961E-08
               0.000E+00
                              0.000E+00
                                              1.285E-05
                                                             0.000E+00
                                                                            9.160E-07
                                                                                            4.759E-07
     415
                                                                                            4.190E-07
                                                                                                           7.028E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                            8.230E-07
                                                                                                                                                         3.582E-02
                                              1.133E-05
1.008E-05
               0.000E+00
                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                           6.258E-08
                                                                            7.439E-07
                                                                                            3,722E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         3 258E-02
                                                             0.000E+00
     417
               0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         3.064E-02
                               0.000E+00
                                              8.888E-06
                                                             0.000E+00
                                                                            6.538E-07
                                                                                            3.278E-07
                                                                                                           5.516E-08
     418
                                                                                            2,867E-07
                                                                                                           4.822E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.915E-02
                                                                             5.641E-07
                              0.000E+00
0.000E+00
                                              7.775E-06
1.311E-05
                                                             0.000E+00
               0.000E+00
     419
                                                             0.000E+00
                                                                             1.587E-06
                                                                                            4.980E-07
                                                                                                           8.449E-08
9.453E-08
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.228E-02
2.588E-02
               0.000E+00
     420
                                                                            1.736E-06
                                                                                                                                          0.000E+00
                                                                                            5.633E-07
6.303E-07
                                                                                                                           0.000E+00
                               0.000E+00
                                              1.469E-05
                                                             0.000E+00
     421
               0.000E+00
                                                                                                           1.066E-07
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         2.899E-02
                                              1.664E-05
1.892E-05
                                                             0.000E+00
                                                                             1.889E-06
               0.000E+00
                              0.000E+00
```

7.113E-07

1.208E-07

0.000E+00

0.000E+00

3.479E-02

2.063E-06

0.000E+00

0.000E+00

```
1.373E-07
                                                           0.000E+00
                                                                                                                                                     4.245E-02
                                                                          2.271E-06
                                                                                         8.094E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
    424
              0.000E+00
                             0.000E+00
                                            2.158E-05
                                                                                                        1.595E-07
1.854E-07
                                                                                         9.375E-07
1.089E-06
              0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                            2.522E-05
2.951E-05
                                                           0.000E+00
0.000E+00
                                                                          2.463E-06
2.653E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
    425
                                                                                                                                                     5.346E-02
    426
    427
28
129
                                                                                                                                                     8.455E-02
9.567E-02
              0.000E+00
                             0.000E+00
                                            3.511E-05
                                                           0.000E+00
                                                                          2.709E-06
                                                                                         1.289E-06
                                                                                                        2.184E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                        2.488E-07
                                                                                                                       0.000E+00
                                                           0.000E+00
                                                                          2.675E-06
                                                                                         1.475E-06
                                                                                                                                      0.000E+00
              0.000E+00
                             0.000E+00
                                            4.034E-05
                             0.000E+00
                                             4.415E-05
                                                                                         1.608E-06
                                                                                                        2.704E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.036E-01
              0.000E+00
                                                                          2.388E-06
2.175E-06
                                                                                         1.679E-06
1.606E-06
                                                                                                        2.818E-07
              0.000E+00
                             0.000E+00
                                            4.622E-05
                                                           0 000E+00
                                                                                                                       0 000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                     1 063E-01
    430
                                            4.431E-05
                                                           0.000E+00
                                                                                                        2.695E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.130E-01
                             0.000E+00
    431
              0.000E+00
                                                           0.000E+00
              0.000E+00
                             0.000E+00
                                             4.038E-05
                                                                          1.792E-06
                                                                                         1.463E-06
                                                                                                        2.447E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.078E-01
    432
                                                                                                                       0.000E+00
              0.000E+00
                             0.000E+00
0.000E+00
                                            3.715E-05
3.615E-05
                                                           0.000E+00
                                                                          1.536E-06
1.578E-06
                                                                                         1.345E-06
                                                                                                        2.246E-07
                                                                                                                                      0.000E+00
                                                                                                                                                     9 884E-02
                                                                                                        2.190E-07
2.287E-07
                                                                                                                                                     8.295E-02
                                                                                         1.310E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                           0.000E+00
              0.000E+00
0.000E+00
    434
                             0.000E+00
                                            3.745E-05
                                                           0.000E+00
                                                                          2.006E-06
                                                                                         1.362E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.856E-02
    435
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
              0.000E+00
                                            3.767E-05
3.585E-05
                                                                          2.333E-06
2.424E-06
                                                                                         1.379E-06
1.325E-06
                                                                                                        2.316E-07
2.215E-07
    436
                             0.000E+00
                                                           0 000E+00
                                                                                                                                                     8 170E-02
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                           0.000E+00
                                                                                                                                                     8.896E-02
              0.000E+00
0.000E+00
                             0 000E+00
    437
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             3.177E-05
                                                           0.000E+00
                                                                          2.143E-06
                                                                                         1.178E-06
                                                                                                        1.963E-07
                                                                                                                       0.000E+00
                                                                                                                                                     9.016E-02
    438
              0.000E+00
                             0.000E+00
                                            2 720E-05
                                                           0.000E+00
                                                                          1.853E-06
                                                                                         1.010E-06
                                                                                                        1.681E-07
                                                                                                                       0.000E+00
                                                                                                                                                     8.518E-02
    439
                                                                          1.507E-06
1.268E-06
                                                           0.000E+00
                                                                                         8.391E-07
                                                                                                                                      0.000E+00
                             0.000E+00
                                            2.263E-05
                                                                                                        1.397E-07
                                                                                                                       0.000E+00
                                                                                                                                                     7.680E-02
              0.000E+00
0.000E+00
    440
                                             1.901E-05
                                                                                         7.041E-07
5.921E-07
                                                                                                        1.174E-07
9.889E-08
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     6.530E-02
                             0.000E+00
                                                           0.000E+00
    441
                                                                          1,089E-06
              0.000E+00
                             0.000E+00
0.000E+00
                                            1.600E-05
                                                           0 000E+00
                                                                                                                                                     5.469E-02
                                                                                         5.054E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                            1.368E-05
                                                           0.000E+00
                                                                           9.504E-07
                                                                                                        8.462E-08
    443
              0.000E+00
                                                                          8.512E-07
7.426E-07
                                                                                         4.421E-07
3.846E-07
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             1.199E-05
                                                           0.000E+00
                                                                                                        7.424E-08
                                                                                                                                                     3.973E-02
              0.000E+00
    444
                                                                                                        6.465E-08
    445
                             0.000E+00
0.000E+00
                                                                                                                                                     3.649E-02
              0.000E+00
                                            1.044E-05
                                                           0.000E+00
                                            9.012E-06
7.800E-06
                                                                          6.279E-07
                                                                                         3.318E-07
                                                                                                        5.576E-08
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     3.424E-02
                                                           0.000E+00
              0.000E+00
0.000E+00
    446
                             0.000E+00
                                                           0.000E+00
                                                                           5.391E-07
                                                                                         2.873E-07
                                                                                                        4.824E-08
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     3.140E-02
    447
                                                                          4.709E-07
                                                                                                                       0.000E+00
                             0.000E+00
0.000E+00
                                            6.843E-06
1.311E-05
                                                                                         2.522E-07
                                                                                                        4.231E-08
                                                                                                                                      0.000E+00
                                                                                                                                                     2.723E-02
              0.000E+00
                                                           0.000E+00
                                                                                                        8.478E-08
9.731E-08
                                                                                         5.004E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     2.149E-02
                                                           0.000E+00
                                                                          1.647E-06
    449
              0.000E+00
                                                                                         5.742E-07
6.588E-07
7.481E-07
                                            1.508E-05
1.715E-05
                                                                          1.848E-06
2.034E-06
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     2.583E-02
    450
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                                                                      0.000E+00
                                                                                                        1.104E-07
                                                                                                                                      0.000E+00
                                                                                                                                                     3.030E-02
    451
                             0.000E+00
0.000E+00
                                                           0_000E+00
              0.000E+00
                                             1.978E-05
                                                                           2.217E-06
                                                                                                        1.266E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     3.563E-02
                                                           0.000E+00
              0.000E+00
    452
                                                                                                        1.476E-07
1.700E-07
2.025E-07
                                                                          2.508E-06
2.699E-06
              0.000E+00
                             0.000E+00
                                            2.314E-05
                                                           0.000E+00
                                                                                         8.715E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     4.332E-02
    453
                                            2.682E-05
3.216E-05
                                                                                         1.001E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      5.475E-02
                             0.000E+00
0.000E+00
                                                           0 000E+00
    454
              0 000E+00
                                                           0.000E+00
                                                                                         1.190E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     7.140E-02
              0.000E+00
    455
                             0.000E+00
                                            3.965E-05
                                                           0.000E+00
                                                                          3.182E-06
3.275E-06
                                                                                         1.456E-06
1.743E-06
                                                                                                        2.473E-07
2.947E-07
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     9.080E-02
1.093E-01
              0.000E+00
    456
              0.000E+00
                             0.000E+00
                                            4.769E-05
                                                           0.000E+00
                                            5.382E-05
                                                                                         1.957E-06
                                                                                                        3.290E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1,207E-01
                             0.000E+00
                                                           0.000E+00
                                                                          2.976E-06
              0.000E+00
    458
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
                                                                                                                                                      Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                         Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                           11/07/95
                                                                                                                                        09:51:16
                                                                                                                                                                132
                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
              0 000E+00
                             0-000E+00
                                            5.741E-05
                                            5.412E-05
5.012E-05
                             0.000E+00
0.000E+00
                                                                          2.542E-06
2.063E-06
1.812E-06
                                                                                         1.960E-06
                                                                                                        3.287E-07
3.030E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
              0.000E+00
0.000E+00
                                                           0.000E+00
                                                                                                                                                     1.323E-01
    460
                                                           0.000E+00
0.000E+00
                                                                                         1.813E-06
1.680E-06
                                                                                                                                                     1.246E-01
    461
                                            4.641E-05
4.597E-05
                                                                                                        2.801E-07
2.793E-07
2.794E-07
                                                                                                                                                     1.099E-01
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
    462
463
              0 000E+00
                             0.000E+00
                                                           0.000E+00
                                                                           2.176E-06
                                                                                         1.667E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     9 545E-02
              0.000E+00
                                                                                         1.663E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     9.473E-02
                                            4.561E-05
4.304E-05
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                          2.623E-06
2.781E-06
                             0.000E+00
                                                           0.000E+00
                                                                                         1.585E-06
                                                                                                        2.653E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.024E-01
    465
              0.000E+00
                             0.000E+00
                                            3.773E-05
                                                           0.000E+00
                                                                          2.484E-06
2.097E-06
                                                                                         1.398E-06
                                                                                                        2.328E-07
1.962E-07
                                                                                                                       0.000E+00
                                                                                                                                      0 000E+00
                                                                                                                                                     1.067E-01
              0.000E+00
     466
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                         1.179E-06
                                                                                                                                                      1.010E-01
                                            3.179E-05
2.598E-05
     467
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                         9.625E-07
                                                                                                        1.601E-07
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      9,010E-02
                             0.000E+00
                                                           0.000E+00
                                                                           1.669E-06
     168
              0.000E+00
                                                                                         7.871E-07
6.452E-07
5.454E-07
                                                                                                        1.312E-07
1.078E-07
9.142E-08
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     7.494E-02
6.147E-02
                             0.000E+00
                                            2.126E-05
                                                           0.000E+00
                                                                           1.388E-06
                                                                                                                       0.000E+00
              0.000E+00
    469
                                                                                                                       0.000E+00
                                            1.746E-05
1.479E-05
                             0.000E+00
0.000E+00
                                                                          1.161E-06
1.008E-06
    470
              0.000E+00
                                                           0 000E+00
                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      5.078E-02
    471
              0.000E+00
                             0.000E+00
                                            1.264E-05
                                                           0.000E+00
                                                                           8.672E-07
                                                                                         4.653E-07
                                                                                                        7.814E-08
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     4.487E-02
4.124E-02
              0.000E+00
    472
                                                                                                                                       0.000E+00
                                                                          7.188E-07
6.047E-07
                                                                                         3.956E-07
3.381E-07
                                                                                                        6.640E-08
5.669E-08
                                                                                                                       0.000E+00
                                            1.076E-05
9.191E-06
              0.000E+00
                             0.000E+00
                                                           0 000E+00
                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                     3.756E-02
                             0.000E+00
    474
              0 000E+00
                                                                                                        4.911E-08
4.366E-08
3.981E-08
              0.000E+00
                             0.000E+00
                                             7.967E-06
                                                           0.000E+00
                                                                           5.185E-07
                                                                                         2.930E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     3.248E-02
    475
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      2.690E-02
                                            7.086E-06
6.462E-06
                                                                                         2.606E-07
2.377E-07
                             0.000E+00
                                                           0.000E+00
                                                                          4.571E-07
4.149E-07
     476
              0.000E+00
                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.243E-02
     477
              0 000E+00
                             0.000E+00
                                                                                         5.227E-07
5.902E-07
6.703E-07
7.869E-07
                                                                                                        8.742E-08
9.934E-08
1.135E-07
                                             1.347E-05
                                                            0.000E+00
                                                                           1.741E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     2.253E-02
              0.000E+00
                             0.000E+00
    478
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      2.552E-02
                                            1.535E-05
1.760E-05
                                                                          1.934E-06
2.152E-06
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.068E-02
                                                           0.000E+00
     480
              0.000E+00
                             0.000E+00
                                            2.045E-05
2.412E-05
2.884E-05
                                                            0.000E+00
                                                                           2.433E-06
                                                                                                         1.317E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     3.631E-02
              0.000E+00
                             0.000E+00
    481
                                                                                                                                      0.000E+00
                                                                                                                                                      4.484E-02
                                                                                                        1.542E-07
1.835E-07
                                                                                                                       0.000E+00
              0.000E+00
                             0.000E+00
                                                            0.000E+00
                                                                          2.671E-06
3.022E-06
                                                                                         9.119E-07
     482
                                                                                         1.083E-06
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      5.541E-02
                                                            0.000E+00
     483
              0.000E+00
                             0.000E+00
                                                                                                        2.230E-07
2.774E-07
3.597E-07
                                                                           3.340E-06
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     7.476E-02
9.862E-02
              0.000E+00
                             0.000E+00
                                             3.536E-05
                                                            0.000E+00
                                                                                         1.313E-06
                                                                                                                       0.000E+00
    484
                                                                                         1.632E-06
2.137E-06
2.546E-06
                                                                                                                       0.000E+00
     485
              0.000E+00
                             0.000E+00
                                             4.433E-05
                                                            0.000E+00
                                                                           3.736E-06
                                                                           4.142E-06
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                            5.806E-05
7.034E-05
                                                            0.000E+00
                                                                                                                                                      1.248E-01
              0.000E+00
                             0.000E+00
     486
                                                                           3.034E-06
                                                                                                         4.258E-07
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     1.572E-01
                             0.000E+00
                                                            0.000E+00
              0.000E+00
    487
                                                                                         2.346E-06
2.181E-06
2.130E-06
                                                                                                        3.914E-07
                                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     1.457E-01
                             0.000E+00
                                             6.489E-05
                                                            0.000E+00
                                                                           2.500E-06
     488
              0.000E+00
                                                                                                         3.644E-07
                                                                                                                                       0.000E+00
                                                                                                                                                      1.255E-01
                                                                                                                        0.000E+00
                                            6.026E-05
5.860E-05
                                                                           2.516E-06
              0.000E+00
                             0.000E+00
                                                            0.000E+00
     489
                                                                                                        3.574E-07
3.269E-07
                                                                           3.061E-06
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      1.161E-01
                                                            0.000E+00
                             0.000E+00
     490
              0.000E+00
                                                                                                                                                     1.198E-01
1.284E-01
                             0.000E+00
                                             5.321E-05
                                                            0.000E+00
                                                                           3.247E-06
                                                                                         1.952E-06
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
              0.000E+00
     491
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                              0.000E+00
                                             4.567E-05
                                                            0.000E+00
                                                                           2.905E-06
2.413E-06
                                                                                         1.689E-06
                                                                                                        2.813E-07
2.344E-07
              0.000E+00
     492
                                                                                         1.409E-06
                                                                                                                                                      1.224E-01
                                                            0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                             0.000E+00
0.000E+00
                                            3.805E-05
              0.000E+00
     493
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     1.076E-01
8.742E-02
                                             3.027E-05
                                                            0.000E+00
                                                                           1.880E-06
                                                                                          1.120E-06
                                                                                                         1.862E-07
              0.000E+00
     494
                                                                                                         1.469E-07
              0.000E+00
                             0.000E+00
                                             2.385E-05
                                                            0.000E+00
                                                                           1.509E-06
                                                                                         8.812E-07
                                                                                          7.159E-07
                                                                                                         1.197E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      7.008E-02
                                             1.942E-05
                                                            0.000E+00
                                                                           1.256E-06
              0.000E+00
                             0.000E+00
0.000E+00
     496
                                                                                                         9.929E-08
8.258E-08
                                                                                                                                                     5.793E-02
5.143E-02
                                             1.610E-05
                                                            0.000E+00
                                                                           1.061E-06
                                                                                          5.922E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
              0.000E+00
     497
                                                                                          4.927E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
              0.000E+00
                              0.000E+00
                                             1.341E-05
                                                            0.000E+00
                                                                           8.571E-07
     498
                                                                                         4.109E-07
                                                                                                         6.883E-08
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      4.608E-02
                                             1.119E-05
                                                            0.000E+00
                                                                           6.937E-07
     499
              0.000E+00
                             0.000E+00
                              0.000E+00
                                             9.565E-06
                                                            0.000E+00
                                                                           5.846E-07
                                                                                         3.512E-07
                                                                                                         5.878E-08
5.182E-08
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     3.960E-02
              0.000E+00
     500
                                                                                                                        0.000E+00
                                                                                                                                                      3.239E-02
                                             8.434E-06
7.632E-06
7.027E-06
                                                                                         3.097E-07
                              0.000E+00
                                                            0.000E+00
                                                                           5.142E-07
     501
              0.000E+00
                                                                                          2.801E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.653E-02
                                                            0.000E+00
                                                                           4.616E-07
                                                                                                         4.688E-08
                             0.000E+00
0.000E+00
     502
              0.000E+00
                                                                                                                                                      2.272E-02
              0.000E+00
                                                            0.000E+00
                                                                           4.205E-07
                                                                                         2.577E-07
                                                                                                         4.314E-08
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     503
                                                                                                                                       0.000E+00
                                                                                                                                                      2.030E-02
                                                                                                         4.021E-08
8.557E-08
9.993E-08
                                                                                                                        0.000E+00
                                                                                         2.400E-07
5.076E-07
     504
              0.000E+00
                              0.000E+00
                                             6.550E-06
                                                            0.000E+00
                                                                           3.918E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      2.131E-02
                                                                           1.680E-06
                                             1.321E-05
                                                            0.000E+00
     505
              0.000E+00
                              0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                             1.540E-05
                                                            0.000E+00
                                                                           1.981E-06
                                                                                          5.981E-07
                                                                                                                                       0.000E+00
                                                                                                                                                      2.626E-02
              0.000E+00
                              0.000E+00
     506
                                                                                                                                       0.000E+00
                                                                                                                                                      3.084E-02
                                                                                          6.973E-07
7.974E-07
                                                                                                         1.167E-07
              0.000E+00
                              0.000E+00
                                             1.802E-05
                                                            0.000E+00
                                                                           2.271E-06
     507
                                                                                                         1.349E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      3.752E-02
                                                                           2.514E-06
                             0.000E+00
0.000E+00
                                                            0.000E+00
              0.000E+00
                                             2.095E-05
     508
                                             2.512E-05
                                                                           2.938E-06
                                                                                          9.640E-07
                                                                                                         1.615E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      4.517E-02
5.822E-02
                                                            0.000E+00
     509
              0.000E+00
                                                                                                                                       0.000E+00
               0.000E+00
                              0.000E100
                                             3.019E-05
                                                            0.000E+00
                                                                           3.244E-06
                                                                                          1.137E-06
                                                                                                         1.924E-07
                                                                                                                        0.000E+00
     510
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 133
    JEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                                                                                                133
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                         Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                      7.582E-02
                                                                                                         2.416E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                             0.000E+00
                                            3.817E-05
                                                            0.000E+00
                                                                           3.759E-06
              0.000E+00
    511
512
                                                                                                                                                      1.080E-01
                                             4.915E-05
                                                            0.000E+00
                                                                           4.125E-06
                                                                                          1.807E-06
                                                                                                         3.074E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
               0.000E+00
                              0.000E+00
```

```
1.444E-01
                                             1,288E-04
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                             1.526E-05
                                                                                            4.972E-06
                                                                                                            8.291E-07
    513
514
               0.000E+00
                                             8.751E-05
8.171E-05
                                                             0.000E+00
0.000E+00
                                                                            3.262E-06
3.922E-06
                                                                                            3.164E-06
2.964E-06
                                                                                                           5.273E-07
4.967E-07
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           1.710E-01
1.507E-01
               0.000E+00
                              0.000E+00
                                                                                                                            0.000E+00
    515
               0.000E+00
                              0.000E+00
                                                                                                                                                           1.471E-01
                                                             0.000E+00
    516
17
318
                              0.000E+00
                                              7.152E-05
                                                                             4.231E-06
                                                                                            2.624E-06
                                                                                                            4.388E-07
                                                                                                                           0 000E+00
                                                                                                                                           0.000E+00
               0 000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           1.565E-01
                                                                                            2.143E-06
1.725E-06
                                                                                                           3.569E-07
2.872E-07
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
                                              5.807E-05
                                                             0.000E+00
                                                                             3.547E-06
                                                                                                                                           0.000E100
                                                                                                                                                           1.521E-01
                                                                             2.816E-06
                                                                                                                           0.000E+00
               0.000E+00
                              0.000E+00
                                              4.675E-05
3.586E-05
                                                             0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                            1.323E-06
                                                                                                            2.201E-07
                                                                                                                                           0.000E+00
                                                                                                                                                           1 314E-01
                              0.000E+00
    519
               0.000E+00
                                                                                                           1.696E-07
1.349E-07
                                                                                                                                           0.000E+00
                                                                                                                                                           1.040E-01
                              0.000E+00
                                                                             1.659E-06
1.363E-06
    520
               0.000E+00
                                              2.761E-05
                                                             0.000E+00
                                                                                            1.017E-06
                                                                                            8.062E-07
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           8.160E-02
                                              2.193E-05
1.757E-05
                                                             0 000E+00
               0.000E+00
                              0.000E+00
     521
                                                                                                           1.079E-07
8.774E-08
7.340E-08
                                                             0.000E+00
                                                                             1.063E-06
                                                                                            6.447E-07
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           6.760E-02
                              0.000E+00
               0.000E+00
    522
                                                                                                                                                           5.882E-02
                                              1.431E-05
1.198E-05
                                                             0.000E+00
0.000E+00
                                                                                            5.247E-07
               0.000E+00
                              0.000E+00
                                                                             8.368E-07
    523
                                                                                             4.392E-07
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           4.976E-02
                                                                             6.913E-07
               0.000E+00
                              0.000E+00
                                                                                                           6.329E-08
5.660E-08
5.148E-08
4.737E-08
                                                                             5.953E-07
                                                                                                                           0.000E+00
0.000E+00
              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                            3.784E-07
                                                                                                                                           0.000E+00
                                                                                                                                                           4 006E-02
                              0.000E+00
                                              1.033E-05
    525
                                                                                                                                           0.000E+00
                                                                                                                                                           3.214E-02
2.714E-02
                                              9.235E-06
8.400E-06
7.725E-06
                                                                                            3.382E-07
                                                             0.000E+00
0.000E+00
                              0.000E+00
                                                                             5 337E-07
    526
                                                                                                                                           0.000E+00
                                                                                            3.074E-07
                                                                                                                           0.000E+00
                                                                             4.868E-07
               0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                                           2.403E-02
                                                             0.000E+00
                                                                             4.530E-07
                                                                                            2.825E-07
                                                                                                                           0.000E+00
    528
                                                                                                            4.392E-08
4.100E-08
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                            2.616E-07
                                                                                                                                                           2.183E-02
                                                             0.000E+00
0.000E+00
                                                                             4.246E-07
3.997E-07
                              0.000E+00
                                              7.159E-06
               0.000E+00
    529
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           2.013E-02
1.732E-02
                                                                                            2.440E-07
                                                                                                                           0.000E+00
                                              6.681E-06
     530
               0.000E+00
                              0.000E+00
                                              1.204E-05
1.443E-05
1.727E-05
                                                                                                            7.794E-08
9.350E-08
               0.000E+00
0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                             1.526E-06
                                                                                            4.626E-07
5.545E-07
                                                                                                                           0.000E+00
    531
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.299E-02
    532
                              0.000E+00
                                                             0.000E+00
                                                                             1.840E-06
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           3.040E-02
3.786E-02
                                                                             2.224E-06
                                                                                             6.701E-07
                                                                                                            1.121E-07
                                                                                                                            0.000E+00
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                             2.593E-06
2.942E-06
                                              2.061E-05
                                                             0.000E+00
                                                                                            7.986E-07
                                                                                                            1.334E-07
               0.000E+00
                              0.000E+00
                                                                                                           1.597E-07
1.973E-07
    534
                                                                                                                                           0.000E+00
                                                                                                                                                           4.748E-02
                                                                                            9.450E-07
                                              2.483E-05
3.079E-05
                                                             0.000E+00
0.000E+00
     535
               0.000E+00
                              0.000E+00
                                                                             3.504E-06
                                                                                             1.170E-06
                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           5.976E-02
                              0.000E+00
    536
               0.000E+00
                                                                                                                                                           8.118E-02
               0.000E+00
0.000E+00
                                                                                            1.469E-06
5.595E-06
                                                                                                            2.496E-07
9.199E-07
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                              3.934E-05
                                                             0.000E+00
                                                                             3.988E-06
                              0.000E+00
    537
                                                                                                                                           0.000E+00
                                                                                                                                                           2.377E-01
                                              1.521E-04
1.355E-04
1.158E-04
                                                                             6.153E-06
                              0.000E+00
                                                             0.000E+00
0.000E+00
     538
                                                                             6.764E-06
7.632E-06
                                                                                                            8.254E-07
7.146E-07
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                             4.953E-06
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           2.124E-01
     539
               0.000E+00
                              0.000E+00
                                                                                                                                                           1.949E-01
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                             4.314E-06
    540
                                                                                                                                           0.000E+00
                                                                                                                                                           1.946E-01
                                                                                                            3.969E-07
                                                                             4.275E-06
2.449E-06
    541
               0.000E+00
                              0.000E+00
                                              6.422E-05
                                                             0.000E+00
0.000E+00
                                                                                            2.425E-06
                                                                                                                                           0.000E+00
0.000E+00
                                                                                             1.634E-06
                                                                                                            2.718E-07
                                                                                                                            0.000E+00
                                                                                                                                                           1.654E-01
                                              4.443E-05
     542
               0.000E+00
                              0.000E+00
0.000E+00
                                                                                                            2.018E-07
1.507E-07
                                                                                                                            0.000E+00
                                                                                                                                                           1.269E-01
               0.000E+00
                                                                                            1.210E-06
9.016E-07
                                              3.295E-05
                                                             0.000E+00
                                                                             1.878E-06
    543
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           9.772E-02
                                                                             1.394E-06
               0.000E+00
                              0.000E+00
                                              2.461E-05
                                                             0.000E+00
                                              1.923E-05
                                                             0.000E+00
                                                                             1.059E-06
                                                                                             7.041E-07
                                                                                                            1.176E-07
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           7.951E-02
6.545E-02
                              0.000E+00
0.000E+00
               0.000E+00
     545
                                              1.556E-05
                                                             0.000E+00
                                                                             8.549E-07
7.346E-07
                                                                                            5.695E-07
4.791E-07
                                                                                                            9.514E-08
               0.000E+00
    546
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                            8.014E-08
                                                                                                                            0.000E+00
                                                                                                                                                           5.156E-02
4.027E-02
                              0.000E+00
0.000E+00
                                              1.309E-05
1.143E-05
               0.000E+00
                                                             0.000E+00
                                                                                                            7.000E-08
                                                                                                                           0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             6.496E-07
                                                                                             4.180E-07
    548
               0.000E+00
                                                                                                            6.258E-08
                                                             0.000E+00
0.000E+00
                                                                                             3.731E-07
               0.000E+00
                              0.000E+00
                                              1.021E-05
                                                                             5.904E-07
     549
                                                                                                                           0.000E+00
0.000E+00
                                                                             5.424E-07
                                                                                             3.380E-07
                                                                                                            5.676E-08
                                                                                                                                           0.000E+00
                                                                                                                                                           2.919E-02
                              0.000E+00
0.000E+00
                                              9 258E-06
               0.000E+00
     550
                                                                                                                                           0.000E+00
                                              8.491E-06
                                                                                            3.099E-07
2.863E-07
                                                                                                                                                           2.634E-02
                                                             0.000E+00
                                                                             5.020E-07
                                                                                                            5.208E-08
    551
                                                                                                            4.816E-08
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.412E-02
               0.000E+00
                                                                             4.690E-07
                              0.000E+00
                                              7.848E-06
                                                             0.000E+00
     552
                                                                                                                                           0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             4.427E-07
                                                                                             2.661E-07
                                                                                                            4.480E-08
                                                                                                                            0.000E+00
                                                                                                                                                           2.224E-02
                              0.000E+00
0.000E+00
                                              7 295E-06
     553
               0.000E+00
                                                                                                                                                           2.062E-02
                                                                                                                            0.000E+00
0.000E+00
                                              6.808E-06
                                                             0.000E+00
                                                                             4.220E-07
                                                                                             2.484E-07
                                                                                                            4.185E-08
               0 000E+00
    554
                                                                                                            6.878E-08
                                                                                                                                           0.000E+00
                                                                                                                                                           1.896E-02
               0.000E+00
                               0.000E+00
                                              1.052E-05
                                                             0.000E+00
                                                                             1.438E-06
1.647E-06
                                                                                             4.213E-07
     555
                                                                                             4.949E-07
                                                                                                            8.208E-08
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.041E-02
               0.000E+00
                              0.000E+00
0.000E+00
                                              1.263E-05
                                                             0.000E+00
                                                                                                            1.003E-07
                                                                                                                                           0.000E+00
                                                                                                                                                           2.538E-02
                                              1.548E-05
                                                                             1.975E-06
                                                                                            5.997E-07
7.166E-07
                                                                                                                            0.000E+00
0.000E+00
                                                              0.000E+00
     557
               0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           3.504E-02
                                                                                                            1.204E-07
                               0.000E+00
                                              1.862E-05
                                                              0.000E+00
                                                                             2.335E-06
     558
               0.000E+00
                                                              0.000E+00
                                                                             2.846E-06
                                                                                             8.840E-07
                                                                                                            1.482E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           4.705E-02
6,259E-02
                                              2.293E-05
2.921E-05
     559
               0.000E+00
                               0.000E+00
                                                                                                            1.876E-07
                                                                                                                            0.000E+00
0.000E+00
                                                              0.000E+00
                                                                             3.399E-06
                                                                                             1.112E-06
               0.000E+00
                               0.000E+00
     560
                                                                                                                                                           1.243E-01
                                                                                                            3.463E-07
                                                                                                                                           0.000E+00
                                                                             5.157E-06
7.062E-06
                                                                                             2.037E-06
                               0.000E+00
                                              5.492E 05
                                                              0.000E+00
     361
               0.000E+00
                                                                                                            5.937E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           1.969E-01
                                                                                             3.521E-06
                                              9.565E-05
                                                              0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                        TSP
                                                           Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                               11/07/95
                                                                                                                                             09:51:16
                                                                                                                                                            Page - 134
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           3-104E-01
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                            1.740E-06
                                                                             1.291E-05
                                                                                             1.093E-05
                                              2.860E-04
               0.000E+00
                                                                             3.095E-05
                                                                                             1.183E-05
                                                                                                            1.977E-06
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           2.869E-01
                                              3.119E-04
2.663E-04
                              0.000E+00
0.000E+00
     564
               0.000E+00
                                                                                                                                                           2.687E-01
                                                                                                            1.714E-06
3.969E-07
                                                                                                                            0.000E+00
                                                                             3.146E-05
3.985E-06
                                                                                            1.028E-05
2.438E-06
               0.000E+00
     565
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.176E-01
                                              6.444E-05
4.137E-05
2.892E-05
               0.000E+00
                               0.000E+00
                                                              0.000E+00
     566
                                                                                                            2.535E-07
1.768E-07
1.321E-07
                                                                                                                                                           1.609E-01
                                                                             2.344E-06
                                                                                             1.531E-06
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                              0.000E+00
0.000E+00
                                                              0.000E+00
     567
               0.000E+00
                                                                                                                                           0,000E+00
                                                                                                                                                           1.190E-01
                                                                             1.577E-06
1.147E-06
                                                                                             1.063E-06
7.904E-07
                                                                                                                            0 000E+00
                                                              0.000E+00
               0.000E+00
     568
                                                                                                                                           0.000E+00
                                                                                                                                                           9.206E-02
                                                                                                                            0.000E+00
                                              2.163E-05
1.747E-05
1.486E-05
               0.000E+00
                               0.000E+00
                                                              0.000E+00
     569
                                                              0.000E+00
                                                                                                            1.067E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           6.993E-02
                                                                             9.456E-07
                                                                                             6.375E-07
     570
               0.000E+00
                               0.000E+00
                                                                                                                                           0,000E+00
                              0.000E+00
0.000E+00
                                                                                             5.419E-07
4.763E-07
                                                                                                            9.089E-08
7.993E-08
7.126E-08
                                                                                                                                                           5.292E-02
                                                                             8.202E-07
                                                                                                                            0.000E+00
                                                              0.000E+00
     571
               0 000E+00
                                                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                           4.271E-02
                                              1.307E-05
                                                              0.000E+00
                                                                             7.283E-07
               0.000E+00
     572
                                              1.165E-05
1.050E-05
                                                                                             4.243E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           3.682E-02
                                                                             6.523E-07
     573
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                              0.000E+00
                                                                             6.005E-07
                                                                                             3.828E-07
                                                                                                            6.433E-08
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           3.280E-02
               0.000E+00
                               0.000E+00
                               0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.965E-02
                                              9.516E-06
                                                              0.000E+00
                                                                              5.575E-07
                                                                                             3.469E-07
                                                                                                            5.834E-08
5.293E-08
                                                                                                                            0.000E+00
               0.000E+00
     575
                                                                                                                                           0.000E+00
                                                                                                                                                           2.723E-02
                                                                                                                            0.000E+00
                                                                             5.156E-07
                                                                                             3.145E-07
                                              8.625E-06
                                                              0.000E+00
               0.000E+00
     576
                                                                                             2.848E-07
2.579E-07
2.339E-07
                                                                             4.742E-07
4.356E-07
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                           2.549E-02
2.433E-02
                                                                                                            4.795E-08
                                                                                                                            0.000E+00
                               0.000E+00
0.000E+00
                                              7.807E-06
7.065E-06
                                                              0.000E+00
               0.000E+00
                                                                                                            4.342E-08
3.938E-08
                                                              0.000E+00
                                                                                                                            0 000E+00
     578
               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.352E-02
                                                                             4.011E-07
1.237E-06
               0.000E+00
                               0.000E+00
                                              6.403E-06
                                                              0.000E+00
     579
                                                                                                            5.739E-08
6.792E-08
8.039E-08
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                           2.343E-02
                                                                                             3.534E-07
                                                                                                                                           0.000E+00
                                              8.743E-06
                                                              0.000E+00
     580
               0.000E+00
                               0.000E+00
                                                                                             4.260E-07
5.008E-07
                                                                                                                                                           2.671E-02
                               0.000E+00
                                                                                                                                           0.000E+00
                                              1.030E-05
                                                              0.000E+00
                                                                              1.499E-06
     581
               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.852E-02
                                              1.224E-05
1.510E-05
                                                              0.000E+00
0.000E+00
                                                                             1.730E-06
1.982E-06
                               0.000E+00
               0.000E+00
     582
                                                                                                                                                           3.171E-02
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                             5.971E-07
                                                                                                            9.826E-08
                               0.000E+00
0.000E+00
     583
               0.000E+00
                                                                                             7.610E-07
                                                                                                            1.272E-07
                                              1.967E-05
                                                              0.000E+00
                                                                              2.458E-06
               0.000E+00
     584
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           6.001E-02
                                                                                             9.949E-07
                                                                                                            1.671E-07
                               0.000E+00
                                              2.589E-05
5.320E-05
                                                              0.000E+00
                                                                              3.166E-06
               0.000E+00
     585
                                                                                                                                                           1.322E-01
2.266E-01
                                                                              5.413E-06
                                                                                             2.004E-06
                                                                                                            3.377E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                              0.000E+00
               0.000E+00
                               0.000E+00
     586
                                                                                                                                           0.000E+00
                                                                                                            5.996E-07
1.656E-06
                                              9.632E-05
                                                              0.000E+00
                                                                              7.438E-06
                                                                                             3.560E-06
                                                                                                                            0.000E+00
                               0.000E+00
     587
               0 000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           3.775E-01
                                                                                                                            0.000E+00
                                                                                             1.011E-05
                               0.000E+00
                                              2.603E-04
                                                              0.000E+00
                                                                             2.668E-05
     588
               0.000E+00
                                                                                             2.604E-06
                                                                                                            4.026E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                           2.143E-01
1.453E-01
                                                                              5.019E-06
                                              6.428E-05
3.411E-05
                                                              0.000E+00
     589
               0.000E+00
                               0.000E+00
                                                                                             1.244E-06
9.299E-07
                                                                                                            2.076E-07
1.557E-07
                                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                                                                            0.000E+00
                                                                              1.678E-06
                               0.000E+00
0.000E+00
     590
               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                            1.029E-01
                                                                              1.305E-06
               0.000E+00
                                              2.555E-05
                                                              0.000E+00
     591
                                                                                                                                                           7.451E-02
5.790E-02
                                                                              1.076E-06
                                                                                             7.528E-07
                                                                                                            1.262E-07
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                              2.070E-05
     592
                                                                                                            1.062E-07
9.092E-08
                                                                                                                                           0 000E+00
                                              1.739E-05
                                                              0.000E+00
                                                                              9.278E-07
                                                                                             6.325E-07
                                                                                                                            0.000E+00
                               0.000E+00
0.000E+00
     593
               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                            4.895E-02
                                                                                                                                            0.000E+00
                                                                                             5.409E-07
                                               1.487E-05
                                                              0.000E+00
                                                                             8.235E-07
7.338E-07
               0.000E+00
     594
                                                                                                                                                           4.305E-02
3.899E-02
                                                                                             4.670E-07
                                                                                                             7.855E-08
                                                                                                                            0.000E+00
                                                                                                                                           0.000E+00
               0.000E+00
                               0.000E+00
                                              1.283E-05
1.111E-05
                                                              0 000E+00
     595
                                                                                                                                           0.000E+00
                                                                              6.504E-07
                                                                                             4.050E-07
                                                                                                             6.813E-08
                                                                                                                            0.000E+00
                                                              0.000E+00
                               0.000E+00
     596
               0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                            3.622E-02
                                                                                             3.531E-07
3.104E-07
                                                                                                             5.941E-08
                                               9.683E-06
                                                              0.000E+00
                                                                              5.769E-07
               0.000E+00
                               0.000E+00
     597
                                                                                                             5.222E-08
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                           3.416E-02
                                                                              5,143E-07
               0.000E+00
                               0.000E+00
                                              8.505E-06
7.535E-06
                                                              0.000E+00
     598
                                                                              4.587E-07
                                                                                             2.750E-07
                                                                                                             4.628E-08
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                           3.233E-02
                                                              0.000E+00
     599
               0.000E+00
                               0.000E+00
                                                                                                                                                            3.037E-02
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                             2.468E-07
2.229E-07
                                                                                                             4 151E-08
                               0.000E+00
                                                              0.000E+00
                                                                              4.137E-07
               0.000E+00
     600
                                                                                                                            0.000E+00
                                                                                                                                                           2.819E-02
2.590E-02
                                                                                                             3.748E-08
                                                                                                                                            0.000E+00
                                              6.101E-06
5.574E-06
7.525E-06
     601
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                              3.722E-07
                                                              0.000E+00
                                                                              3.395E-07
                                                                                             2.037E-07
                                                                                                             3.424E-08
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
     602
               0.000E+00
                               0.000E+00
                                                                                                                                                            1.317E-02
                                                                                                             4.863E-08
5.666E-08
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                                                                             2.890E-07
3.379E-07
               0.000E+00
                               0.000E+00
                                                              0.000E+00
                                                                              9.355E-07
     603
                                                                                                                            0.000E+00
                                                                                                                                            0 000E+00
                                                                                                                                                           1.917E-02
                                                                              1,100E-06
               0.000E+00
                               0.000E+00
                                               8.755E-06
                                                              0.000E+00
     604
                                                                                                                                                           2.759E-02
                                                                                             4.114E-07
                                                                                                             6.859E-08
                                                                                                                            0.000E+00
                                                                                                                                            0.000E+00
                                               1.058E-05
                                                              0.000E+00
                                                                              1.355E-06
     605
               0.000E+00
                               0 000E+00
```

```
5.065E-07
                                                                                                      8.383E-08
                                                                                                                    0:000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  3.716E-02
                                           1.289E-05
                                                          0.000E+00
                                                                         1.686E-06
    606
              0.000E+00
                             0.000E+00
                                                                         2.183E-06
2.859E-06
3.787E-06
                                                          0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                             0.000E+00
0.000E+00
                                           1.604E-05
2.109E-05
                                                                                       6.425E-07
                                                                                                      1.048E-07
                                                                                                                     0.000E+00
                                                                                                                                                  4.603E-02
    607
              0.000E+00
                                                                                       8.354E-07
                                                                                                      1.377E-07
1.980E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  5.801E-02
8.349E-02
    608
              0.000E+00
                                                                                                                    0.000E+00
                                                                                                                     0.000E+00
    609
                                                                                       1.187E-06
              0.000E+00
                             0.000E+00
                                           3.064E-05
                                                          0.000E+00
                                           8.465E-05
                                                                                       3.258E-06
                                                                                                                                    0.000E+00
                                                                                                                                                  3.030E-01
                                                          0.000E+00
                                                                         4.465E-06
                                                                                                      5.183E-07
                                                                                                                     0.000E+00
    110
511
                             0.000E+00
              0.000E+00
              0.000E+00
                                            4.403E-05
                                                          0.000E+00
                                                                         2.200E-06
1.597E-06
                                                                                       1.608E-06
1.104E-06
                                                                                                      2.681E-07
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  1.786E-01
                             0.000E100
                                                                                                      1.855E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.177E-01
                             0.000E+00
0.000E+00
    612
              0.000E+00
                                           3.041E-05
                                                          0.000E+00
                                                                                                      1.423E-07
                                            2.328E-05
                                                          0.000E+00
                                                                         1.279E-06
                                                                                       8.455E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  8.662E-02
              0.000E+00
    613
                             0.000E+00
                                           1.850E-05
                                                          0.000E+00
                                                                         1.046E-06
                                                                                       6.724E-07
                                                                                                      1.132E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  7.211E-02
    614
                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 135
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                             135
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                      9.230E-08
7.752E-08
6.650E-08
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  6.334E-02
                                           1.508E-05
                                                          0-000E+00
                             0.000E+00
              0.000E+00
                                           1.266E-05
1.086E-05
                                                          0.000E+00
0.000E+00
                                                                         7.240E-07
6.173E-07
                                                                                       4.608E-07
3.956E-07
                                                                                                                     0.000E+00
                                                                                                                                                  5.687E-02
                             0.000E+00
              0.000E+00
    616
                                                                                                                     0.000E+00
                                                                                                                                                  5.124E-02
    617
              0 000E+00
                             0.000E+00
                                                                                       3.471E-07
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                            9.528E-06
                                                                                                      5.832E-08
                                                                                                                     0.000E+00
                                                                                                                                                  4.579E-02
                             0.000E+00
                                                          0.000E+00
                                                                         5.392E-07
    618
619
              0.000E+00
                                                                         4.802E-07
4.347E-07
                                                                                       3.099E-07
2.805E-07
                                                                                                      5.205E-08
4.711E-08
              0.000E+00
                             0.000E+00
                                            8.505E-06
                                                          0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  4.031E-02
                                            7.697E-06
                                                                                                                     0.000E+00
                                                                                                                                                  3.505E-02
                                                          0.000E+00
     620
              0.000E+00
                             0.000E+00
                             0.000E+00
                                            7.041E-06
                                                          0.000E+00
                                                                         3.986E-07
                                                                                       2.567E-07
                                                                                                      4.310E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.032E-02
    621
              0.000E+00
                                                                                                                                    0.000E+00
                                           6.487E-06
6.028E-06
                                                                         3.677E-07
3.440E-07
                                                                                       2.364E-07
2.197E-07
                                                                                                      3.971E-08
3.691E-08
                                                                                                                     0.000E+00
                                                                                                                                                  2.621E-02
2.271E-02
                             0.000E+00
                                                          0.000E+00
    622
              0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                          0.000E+00
     623
              0.000E+00
                             0.000E+00
                             0.000E+00
                                            5.743E-06
                                                          0.000E+00
                                                                         3.449E-07
                                                                                       2.103E-07
                                                                                                      3.526E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.977E-02
              0.000E+00
    624
                                                                                                      4.362E-08
                                                                                                                                    0.000E+00
    625
              0.000E+00
                             0.000E+00
                                            6.687E-06
                                                          0.000E+00
                                                                         8.925E-07
                                                                                       2.688E-07
2.995E-07
                                                                                                                     0.000E+00
                                                                                                                                                  1.083E-02
                                                                                                      4.843E-08
                                                                         9.835E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.230E-02
                                            7.428E-06
                                                          0.000E+00
     626
              0.000E+00
                             0.000E+00
                                                                                                      5.447E-08
6.384E-08
                                                          0.000E+00
                                                                         1.082E-06
                                                                                       3.357E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.477E-02
              0.000E+00
                             0.000E+00
    627
                                                                         1.230E-06
1.503E-06
                                                                                                                     0.000E+00
                                                                                                                                                  1.966E-02
                                                                                                                                    0.000E+00
              0.000E+00
                             0.000E+00
0.000E+00
                                                                                       3.894E-07
                                            9.859E-06
                                                          0.000E+00
                                            1.232E-05
                                                          0.000E+00
                                                                                        4.797E-07
                                                                                                      7.954E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.019E-02
    629
              0 000E+00
                                                                                       6.368E-07
9.162E-07
                                                                                                      1.069E-07
1.545E-07
                                                                                                                                                  4.885E-02
7.890E-02
                             0.000E+00
                                            1.658E-05
                                                          0.000E+00
                                                                         2.003E-06
                                                                                                                     0 000E+00
                                                                                                                                    0.000E+00
              0.000E+00
    630
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                           2.399E-05
3.978E-05
                                                          0.000E+00
                                                                         2.878E-06
     631
              0.000E+00
                             0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  1.388E-01
2.442E-01
                             0.000E+00
                                                          0.000E+00
                                                                         4.736E-06
                                                                                        1.524E-06
                                                                                                      2.561E-07
              0.000E+00
    632
                                                                                                      3.398E-07
                                                                                       2.042E-06
1.247E-06
     633
              0.000E+00
                             0.000E+00
                                            5.613E-05
                                                          0.000E+00
                                                                         2.397E-06
                                                                                                      2.087E-07
                                                                         1.633E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.603E-01
                                           3.434E-05
2.528E-05
                                                          0.000E+00
     634
              0.000E+00
                             0.000E+00
              0.000E+00
                             0.000E+00
                                                          0.000E+00
                                                                         1.276E-06
                                                                                        9.179E-07
                                                                                                      1.540E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.219E-01
    635
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  9.600E-02
                                                                                                      1.210E-07
              0.000E+00
                             0.000E+00
                                           1.983E-05
1.624E-05
                                                          0 000E+00
                                                                         1.050E-06
                                                                                        7.200E-07
     636
                                                          0.000E+00
                                                                         8.867E-07
                                                                                        5.899E-07
                                                                                                      9.924E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  7.653E-02
                             0.000E+00
     637
              0 000E+00
                                            1.381E-05
                                                          0.000E+00
                                                                         7.642E-07
                                                                                        5.016E-07
                                                                                                      8.443E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  6.114E-02
              0.000E+00
                             0.000E+00
    638
                                                                                       4.340E-07
3.802E-07
              0.000E+00
                             0.000E+00
                                            1.195E-05
                                                          0.000E+00
                                                                         6.731E-07
                                                                                                      7.310E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4-912E-02
     639
                                                                         6.019E-07
     640
                             0.000E+00
0.000E+00
                                            1.046E-05
9.276E-06
                                                          0.000E+00
                                                                                                      6.406E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.006E-02
              0.000E+00
                                                          0.000E+00
                                                                         5.436E-07
                                                                                        3.373E-07
                                                                                                       5.686E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.333E-02
              0.000E+00
     641
                                                                                       3.031E-07
2.745E-07
                                                                                                                                    0.000E+00
     642
              0.000E+00
                             0.000E+00
                                            8.329E-06
                                                          0.000E+00
                                                                         4.969E-07
                                                                                                      5.110E-08
                                                                                                                     0.000E+00
                                                                                                                                                  2.836E-02
                                                                                                                                    0.000E+00
                                                                                                                                                  2.473E-02
                                                                                                      4,629E-08
                                                                                                                     0.000E+00
                                            7.539E-06
                                                          0 000E+00
                                                                         4.564E-07
     643
              0.000E+00
                             0.000E+00
                                                                                                                                                  2.206E-02
2.005E-02
                                            6.878E-06
                                                          0.000E+00
                                                                         4.219E-07
                                                                                        2.505E-07
                                                                                                      4.226E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
              0.000E+00
                             0.000E+00
     644
                                                                                                                                    0.000E+00
                                                                                       2.300E-07
2.131E-07
                                                                                                      3.880E-08
                                                                                                                     0.000E+00
     645
              0.000E+00
                             0.000E+00
                                            6.313E-06
                                                          0.000E+00
                                                                         3.908E-07
                                                                         3.662E-07
                                                                                                      3.595E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.846E-02
                                            5,846E-06
                                                          0.000E+00
     646
              0.000E+00
                             0.000E+00
0.000E+00
                                                                                       1.979E-07
2.227E-07
2.513E-07
              0.000E+00
                                            5.429E-06
                                                           0.000E+00
                                                                         3.421E-07
                                                                                                      3.340E-08
3.593E-08
                                                                                                                     0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                  1.717E-02
     647
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.349E-02
                                            5.517E-06
6.202E-06
7.078E-06
              0.000E+00
                             0.000E+00
                                                          0.000E+00
                                                                         7.207E-07
7.949E-07
     648
                                                                                                      4.032E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.572E-02
                                                          0.000E+00
                             0.000E+00
    649
              0.000E+00
                                                                                                      4.591E-08
5.332E-08
                                                                                                                     0.000E+00
0.000E+00
                                                          0.000E+00
                                                                         8,836E-07
                                                                                        2.873E-07
                                                                                                                                    0 000E+00
                                                                                                                                                  1.859E-02
    650
              0.000E+00
                             0.000E+00
                                                                                                                                                  2.241E-02
                                                                                       3.313E-07
3.969E-07
                                                                                                                                    0.000E+00
                                            8.251E-06
1.003E-05
                                                                         9.953E-07
1.170E-06
              0.000E+00
                             0.000E+00
                                                          0 000E+00
     651
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.769E-02
3.559E-02
                                                          0.000E+00
                                                                                                       6.455E-08
                             0.000E+00
     652
              0.000E+00
                                                                                                      8.030E-08
              0.000E+00
                             0.000E+00
                                            1.253E-05
                                                          0.000E+00
                                                                         1.412E-06
                                                                                        4.840E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     653
                                                                                       6.337E-07
9.613E-07
                                                                                                                                                   4.993E-02
                                                                                                                     0.000E+00
                                                                         1.843E-06
                                                                                                      1.072E-07
                                                                                                                                    0.000E+00
     654
              0.000E+00
                             0.000E+00
                                            1.679E-05
2.582E-05
                                                          0.000E+00
                                                                         2.671E-06
                                                                                                      1.640E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  9.043E-02
                             0.000E+00
                                                          0.000E+00
              0.000E+00
     655
                                            1.127E-04
7.449E-05
                                                                                       4.187E-06
2.711E-06
                                                                                                      6.930E-07
4.515E-07
                                                                                                                                    0.000E+00
     656
              0.000E+00
                             0.000E+00
                                                          0.000E+00
                                                                         6.838E-06
                                                                                                                     0.000E+00
                                                                                                                                                  1.288E+00
                                                                                                                     0.000E+00
                                                                                                                                                  3.790E-01
                                                                                                                                    0.000E+00
     657
              0.000E+00
                             0.000E+00
                                                          0.000E+00
                                                                         3.293E-06
                             0.000E+00
                                            4.442E-05
                                                           0.000E+00
                                                                         1.939E-06
                                                                                        1.612E-06
                                                                                                      2.691E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.182E-01
     658
              0 000E+00
                                                                                       1.065E-06
7.804E-07
6.126E-07
                                                                                                      1.783E-07
1.310E-07
                                                                                                                     0.000E+00
0.000E+00
     659
              0.000E+00
                             0.000E+00
                                            2.935E-05
                                                           0.000E+00
                                                                         1.393E-06
                                                                                                                                    0 000E+00
                                                                                                                                                  1.436E-01
                                                                                                                                    0.000E+00
                                                                                                                                                   1.031E-01
              0.000E+00
                             0.000E+00
                                            2.148E-05
                                                          0.000E+00
                                                                         1.127E-06
     660
                                                                         9.451E-07
                                                                                                      1.031E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   7.999E-02
                                            1.685E-05
                                                          0.000E+00
                             0.000E+00
     661
              0.000E+00
                                                                         8.044E-07
                                                                                        5.031E-07
                                                                                                      8.481E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  6.560E-02
                             0.000E+00
                                            1.384E-05
                                                           0.000E+00
              0.000E+00
     662
                                            1.178E-05
                                                           0.000E+00
                                                                         7.052E-07
                                                                                        4.285E-07
                                                                                                       7,229E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   5.560E-02
              0.000E+00
                             0.000E+00
     663
                                                                                       3.943E-07
3.381E-07
                                            1.070E-05
9.222E-06
                                                                                                      6.611E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.814E-02
     664
              0.000E+00
                             0.000E+00
0.000E+00
                                                          0.000E+00
                                                                         7.284E-07
                                                                         6.087E-07
                                                                                                      5.688E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  4.228E-02
              0.000E+00
     665
              0.000E+00
                             0.000E+00
                                            7.992E-06
                                                          0.000E+00
                                                                         5.003E-07
                                                                                        2.911E-07
                                                                                                      4.915E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.755E-02
     666
                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                                   Page - 136
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                     09:51:16
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  3.366E-02
                                            7.189E-06
                                                           0.000E+00
                                                                                                      4.423E-08
               0.000E+00
                             0-000E+00
                                            6.509E-06
5.944E-06
5.476E-06
                                                                                       2.373E-07
2.168E-07
1.998E-07
                             0.000E+00
0.000E+00
                                                          0.000E+00
                                                                         4.176E-07
3.866E-07
                                                                                                      4.008E-08
3.662E-08
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                  3.044E-02
2.774E-02
              0.000E+00
     668
                                                          0.000E+00
     669
              0.000E+00
                                                                                                      3.376E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.543E-02
                                                           0.000E+00
                                                                         3.601E-07
     670
              0.000E+00
                             0.000E+00
                                                                                                      3.134E-08
2.924E-08
                                                                                                                                                  2.344E-02
2.169E-02
              0.000E+00
                             0.000E+00
                                            5.081E-06
                                                           0.000E+00
                                                                         3.372E-07
                                                                                        1.855E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     671
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                        1.730E-07
1.974E-07
                             0.000E+00
0.000E+00
                                            4.738E-06
4.961E-06
                                                                         3.171E-07
              0.000E+00
                                                           0.000E+00
                                                           0.000E+00
                                                                         6.127E-07
                                                                                                       3.211E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.002E-02
     673
              0.000E+00
                                                                                                                                                  1.156E-02
1.373E-02
                                            5.55E-06
                                                           0.000E+00
                                                                         6.852E-07
                                                                                        2.240E-07
                                                                                                      3.598E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     674
              0.000E+00
                             0.000E+00
                                            6.347E-06
7.486E-06
                                                                                        2.573E-07
2.983E-07
                                                                                                       4.103E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                         7.633E-07
8.462E-07
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                                                                                                   1.668E-02
                                                           0.000E+00
                                                                                                       4.808E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
     676
              0.000E+00
               0.000E+00
                             0.000E+00
                                            9.024E-06
                                                           0.000E+00
                                                                         9.734E-07
                                                                                        3.490E-07
                                                                                                      5.764E-08
7.293E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.053E-02
     677
                                                                                        4.314E-07
5.874E-07
7.945E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  2.559E-02
              0.000E+00
                             0.000E+00
                                            1.139E-05
1.537E-05
                                                           0-000E+00
                                                                         1.284E-06
1.701E-06
                                                                                                       9.833E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   3.575E-02
                                                           0.000E+00
                             0.000E+00
     679
              0.000E+00
                                                                                                      1.344E-07
2.566E-07
                                            2.115E-05
                                                           0.000E+00
                                                                         2.188E-06
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   5.977E-02
     680
               0.000E+00
                             0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   1.215E-01
                                            4.062E-05
                                                                                        1.500E-06
     681
              0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         3.923E-06
                                                                                                                                    0.000E+00
                                            7.505E-05
                                                                         9.092E-06
                                                                                        2.772E-06
                                                                                                       4.829E-07
                                                                                                                     0.000E+00
                                                                                                                                                   6.849E-01
                                                           0.000E+00
     682
              0.000E+00
                             0 000E+00
                                            7.974E-05
                                                           0.000E+00
                                                                         9.479E-06
                                                                                        2.968E-06
                                                                                                       5.123E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                  1.164E+00
                             0.000E+00
               0.000E+00
     683
                                                                                        2.911E-06
1.932E-06
                                                                                                      4.919E-07
3.245E-07
                                                                                                                                    0.000E+00
                                                           0.000E+00
0.000E+00
                                                                         6.460E-06
2.806E-06
                                                                                                                     0.000E+00
                                                                                                                                                   1.225E+00
               0.000E+00
                             0.000E+00
                                            7.873E-05
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   2.521E-01
                                            5.318E-05
3.759E-05
     685
              0.000E+00
                             0.000E+00
                                                                         1.888E-06
                             0.000E+00
                                                           0.000E+00
                                                                                        1.365E-06
                                                                                                       2.289E-07
                                                                                                                     0.000E+00
                                                                                                                                    0 000E+00
                                                                                                                                                   1.507E-01
              0.000E+00
     686
                                                                                                                                                   1.063E-01
                             0.000E+00
                                            2.712E-05
                                                           0.000E+00
                                                                         1.376E-06
                                                                                        9.846E-07
7.371E-07
                                                                                                      1.652E-07
1.237E-07
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     687
               0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   7.951E-02
     688
              0.000E+00
                             0.000E+00
                                            2.029E-05
                                                           0.000E+00
                                                                         1.043E-06
                                                                                        5.759E-07
                                                                         8.451E-07
                                                                                                       9.671E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   6.313E-02
                             0.000E+00
                                            1.584E-05
                                                           0.000E+00
    689
               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                   5.248E-02
                             0.000E+00
                                            1.312E-05
                                                           0.000E+00
                                                                         7.216E-07
                                                                                        4.772E-07
                                                                                                       8.021E-08
                                                                                                                     0.000E+00
     690
               0.000E+00
                                                                                        4.057E-07
                                                                                                       6.822E-08
                                                                                                                                                   4.514E-02
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
     691
              0.000E+00
                             0.000E+00
                                            1.115E-05
                                                           0.000E+00
                                                                         6.260E-07
                                            9.638E-06
8.568E-06
                                                                                                                                                  3.973E-02
3.550E-02
                                                                                                       5.902E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         5.511E-07
                                                                                        3.509E-07
               0.000E+00
     692
                                                                                        3.122E-07
                                                                                                                                    0 000E+00
               0.000E+00
                             0.000E+00
                                                           0.000E+00
                                                                         4.972E-07
                                                                                                       5.250E-08
                                                                                                                     0.000E+00
                                                                                        2.776E-07
                                                                                                       4.672E-08
                                                                                                                     0.000E+00
                                                                                                                                    0.000E+00
               0.000E+00
                             0.000E+00
                                            7.619E-06
                                                           0.000E+00
                                                                         4.486E-07
     694
```

```
0.000E+00
                                                                                                                                                        2.907E-02
                              0.000E+00
                                                                           4.072E-07
3.745E-07
3.462E-07
                                                                                          2.485E-07
2.255E-07
2.057E-07
                                                                                                          4.184E-08
                                                                                                                         0.000E+00
                                             6.819E-06
                                                            0.000E+00
     695
              0 000E+00
                                                                                                          3.796E-08
3.463E-08
                                                                                                                                                        2.657E-02
2.441E-02
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
    696
697
                              0.000E+00
0.000E+00
                                             6.183E-06
5.637E-06
                                                            0.000E+00
0.000E+00
              0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        2.254E-02
                                                                                                          3.169E-08
                                             5.152E-06
                                                                           3.227E-07
                                                                                           1.881E-07
    698
99
               0.000E+00
                              0.000E+00
                                                            0.000E+00
                                                                                           1.727E-07
1.764E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                        2.088E-02
                                                                           3.036E-07
                                                                                                          2.912E-08
                              0.000E+00
0.000E+00
                                             4.729E-06
                                                            0.000E+00
               0.000E+00
                                                                                                                                                        1.943E-02
                                                            0.000E+00
                                                                           3.560E-07
5.794E-07
                                                                                                          2 939E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
     100
              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        9.310E-03
                                                                                           1.934E-07
                                                                                                          3,213E-08
                                                                                                                         0.000E+00
                                             5.001E-06
5.760E-06
                              0.000E+00
                                                            0.000E+00
               0.000E+00
     701
                                                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            6.559E-07
                                                                                           2.206E-07
                                                                                                          3.693E-08
                                                                                                                         0.000E+00
                                                                                                                                                        1.029E-02
     702
              0.000E+00
                              0.000E+00
                                                                                                                                                        1.131E-02
                                                            0.000E+00
                                                                                                                         0.000E+00
                              0.000E+00
                                                                            8.051E-07
                                                                                          2.626E-07
3.172E-07
                                                                                                          4.352E-08
5.057E-08
              0.000E+00
     703
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.339E-02
                              0.000E+00
0.000E+00
0.000E+00
                                                                           9.626E-07
1.089E-06
                                             7 805E-06
                                                            0-000E±00
               0.000E+00
     704
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        1 758E-02
                                                                                           3.637E-07
                                                                                                          5.858E-08
                                                                                                                         0.000E+00
                                             9.070E-06
                                                            0.000E+00
     705
              0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        2,550E-02
                                                                                           4.197E-07
                                                                                                          6.884E-08
8.264E-08
                                             1.069E-05
                                                            0.000E+00
                                                                            1.255E-06
              0.000E+00
     706
                                                                                           4.996E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.812E-02
                                             1.296E-05
1.882E-05
                                                                            1.376E-06
                              0.000E+00
                                                            0.000E+00
     707
               0.000E+00
                                                                                                          1.191E-07
2.134E-07
3.255E-07
                                                                            1.847E-06
                                                                                           7.040E-07
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                       5.587E-02
9.776E-02
                                                            0.000E+00
                              0.000E+00
0.000E+00
               0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                           3.603E-06
5.881E-06
                                                                                          1.243E-06
1.889E-06
                                             3.350E-05
                                                            0.000E+00
               0.000E+00
     709
                                                                                                                                         0.000E+00
                                                                                                                                                        2.653E-01
               0.000E+00
                              0.000E+00
                                             5.077E-05
                                                            0.000E+00
     710
                                             5.855E-05
5.768E-05
                                                                                          2.180E-06
2.157E-06
1.569E-06
                                                                                                          3.724E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.484E-01
                              0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            6.154E-06
               0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.081E-01
                                                                                                          3.617E-07
2.652E-07
                                                                           4.975E-06
2.881E-06
               0.000E+00
                                                            0.000E+00
     712
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.156E-01
               0.000E+00
                              0.000E+00
                                             4.297E-05
3.271E-05
                                                            0.000E+00
     713
                              0.000E+00
                                                                            1.927E-06
                                                                                           1.190E-06
                                                                                                          2.005E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.335E-01
                                                             0.000E+00
               0.000E+00
                                                                                          9.056E-07
7.259E-07
                                                                                                          1.524E-07
1.214E-07
9.441E-08
7.734E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        9.209E-02
                                                                           1.424E-06
1.044E-06
                              0.000E+00
                                             2.489E-05
                                                            0.000E+00
               0.000E+00
     715
                                                                                                                                         0.000E+00
                                                                                                                                                        7.247E-02
                                             1.989E-05
                                                            0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
               0.000E+00
     716
                                             1.547E-05
                                                                            8.160E-07
                                                                                           5.630E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.938E-02
               0-000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.939E-02
                                                                                                                         0.000E+00
                                             1.264E-05
                                                            0 000E+00
                                                                            7.053E-07
                                                                                           4.599E-07
               0.000E+00
     718
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
                                                                                                                             11/07/95
                                                                                                                                           09:51:16
                                                                                                                                                         Page -
                                                                                                                                        0.000E+00
0.000E+00
                                                                            6.018E-07
                                                                                                          6.454E-08
5.604E-08
                                                                                                                         0.000E+00
                                                                                                                                                        4.041E-02
                                                                                           3.835E-07
                                             1.054E-05
                              0.000E+00
               0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                        3.356E-02
                                             9.138E-06
8.107E-06
7.235E-06
                                                                            5.391E-07
                                                                                          3.325E-07
2.951E-07
                              0.000E+00
                                                            0.000E+00
0.000E+00
               0.000E+00
     720
                                                                            4.909E-07
                                                                                                          4.977E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.840E-02
     721
               0.000E+00
                              0.000E+00
                                                                                                                                                        2.449E-02
                                                                                                                                         0 000E+00
                              0.000E+00
                                                             0.000E+00
                                                                            4.451E-07
                                                                                           2.635E-07
                                                                                                          4.445E-08
                                                                                                                         0.000E+00
     722
               0.000E+00
                                                                                                          4.031E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.159E-02
                                                                                           2.390E-07
2.202E-07
                              0.000E+00
                                             6.559E-06
                                                             0.000E+00
                                                                            4.054E-07
3.744E-07
               0.000E+00
     723
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        1.946E-02
1.785E-02
                                                                                                          3.712E-08
                                                                                                                          0.000E+00
               0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                             6.039E-06
5.581E-06
                                                             0.000E+00
                                                             0.000E+00
                                                                            3.437E-07
                                                                                           2.035E-07
1.890E-07
                                                                                                          3.429E-08
3.182E-08
                                                                                                                         0.000E+00
     725
               0.000E+00
                                                                            3.174E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.661E-02
               0.000E+00
                                             5.179E-06
                                                             0.000E+00
     726
                                                                                           1.750E-07
                                                                                                          2.945E-08
2.726E-08
                                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                        1.560E-02
                                             4.795E-06
                                                             0.000E+00
                                                                            2.918E-07
     727
               0.000E+00
                              0.000E+00
                                                                                           1.620E-07
2.236E-07
                                                                                                                          0.000E+00
                              0.000E+00
                                             4.438E-06
                                                             0.000E+00
                                                                            2.698E-07
               0.000E+00
     728
                                                                                                          3.642E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        7.010E-03
                                             5.617E-06
                                                                            7.070E-07
7.735E-07
               0.000E+00
                              0.000E+00
                                                             0.000E+00
     729
                                                                                                                                                        9.229E-03
                                             6.184E-06
                                                             0.000E+00
                                                                                           2.476E-07
                                                                                                          4.008E-08
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
     730
               0.000E+00
                              0.000E+00
                                                                                                                                         0.000E+00
                                             6.735E-06
7.410E-06
7.969E-06
                                                                                                                          0.000E+00
                                                                            8.408E-07
9.386E-07
                                                                                           2.703E-07
2.987E-07
                              0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                          4.365E-08
               0 000E+00
     731
                                                                                                          4.811E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.669E-02
     732
               0.000E+00
                                                             0.000E+00
                                                                                                          5.163E-08
5.927E-08
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        2.143E-02
                                                             0.000E+00
                                                                            9.694E-07
                                                                                           3.299E-07
                                                                                                                         0.000E+00
     733
               0 000E+00
                              0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        2,661E-02
                                                                                           3.657E-07
                                             9.241E-06
                                                             0.000E+00
                                                                            1.032E-06
               0.000E+00
                              0.000E+00
     734
                                                                            1.193E-06
                                                                                           4.459E-07
                                                                                                           7.348E-08
                                                                                                                          0.000E+00
                                                                                                                                         0 000E+00
                                                                                                                                                        3.257E-02
               0.000E+00
                                             1.154E-05
                                                             0.000E+00
                              0.000E+00
                                                                                                                                                        4.404E-02
                                              1.814E-05
                                                             0.000E+00
                                                                            1.966E-06
                                                                                           6.811E-07
                                                                                                          1.157E-07
1.861E-07
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                              0.000E+00
     736
737
               0 000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        8.159E-02
                              0.000E+00
                                             2.919E-05
                                                             0.000E+00
                                                                            3.145E-06
                                                                                           1.091E-06
               0.000E+00
                                                                            4.385E-06
                                                                                           1.475E 06
                                                                                                          2.521E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.763E-01
                                             3.944E-05
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                                                        2.657E-01
                                                                                                                                         0.000E+00
                                                                                                          2.794E-07
2.825E-07
                                                             0.000E+00
                                                                            4.361E-06
                                                                                           1.644E-06
                                                                                                                          0.000E+00
                              0 000E+00
                                              4.414E-05
     739
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.929E-01
                                                                                           1.660E-06
1.342E-06
1.285E-06
                                                                                                                          0.000E+00
                                                                            4.222E-06
2.743E-06
                                              4.480E-05
                                                             0.000E+00
               0.000E+00
                              0.000E+00
     740
                                                                                                          2.252E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.718E-01
     741
                                             3.622E-05
                                                             0.000E+00
               0.000E+00
                              0.000E+00
                                                                                                                                                        1.252E-01
                                                                                                          2.101E-07
1.511E-07
                                                                                                                                         0.000E+00
                                             3.345E-05
                                                             0.000E+00
                                                                            2.871E-06
                                                                                                                          0.000E+00
                              0.000E+00
     742
               0.000E+00
                                                                                                                                                        9.048E-02
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                             2.438E-05
                                                             0.000E+00
                                                                            1.745E-06
                                                                                           9.016E-07
               0.000E+00
                              0.000E+00
     743
                                                                                           6.695E-07
                                                                                                           1.129E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6 687E-02
                                                                            1.092E-06
                                             1.840E-05
1.537E-05
     744
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                                                        5.099E-02
                                                                            8.883E-07
                                                                                                          9.416E-08
7.670E-08
                                                                                                                                         0.000E+00
                                                             0.000E+00
                                                                                           5.596E-07
                                                                                                                          0.000E+00
                              0.000E+00
     745
               0.000E+00
                                                                            6.701E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        4.256E-02
                              0.000E+00
                                              1.256E-05
                                                             0.000E+00
                                                                                           4.581E-07
               0.000E+00
     746
                                                                                           3.840E-07
                                                                                                          6.427E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.797E-02
                              0.000E+00
                                             1.053E-05
9.007E-06
                                                            0.000E+00
0.000E+00
                                                                            5.606E-07
     747
               0.000E+00
                                                                                                          5.515E-08
4.774E-08
4.250E-08
                                                                                                                                                        3.482E-02
                                                                            5.140E-07
                                                                                           3.285E-07
                                                                                                                          0.000E+00
                                                                                                                                         0 000E+00
     748
               0.000E+00
                              0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        3.113E-02
                                                                            4.740E-07
4.300E-07
                                              7.773E-06
                                                             0.000E+00
                                                                                           2.835E-07
     749
750
               0.000E+00
                              0.000E+00
                                                                                           2.520E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.724E-02
                                             6.913E-06
               0.000E+00
                              0.000E+00
                                                             0.000E+00
                                                                                                                                                        2.387E-02
                                                                            3.947E-07
                                                                                           2.283E-07
                                                                                                          3.852E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                             0.000E+00
                                             6.261E-06
               0.000E+00
                              0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.106E-02
                                                                                           2.076E-07
1.913E-07
1.797E-07
                                                                                                          3.506E-08
                                              5.693E-06
                                                             0.000E+00
                                                                            3.665E-07
                              0.000E+00
               0.000E+00
     752
                                                                                                           3.233E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.862E-02
                                                                            3.439E-07
3.280E-07
                              0.000E+00
                                              5.244E-06
                                                             0.000E+00
     753
               0 000E+00
                                                                                                           3.037E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.650E-02
                                              4.922E-06
                                                             0.000E+00
               0.000E+00
                              0 000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.473E-02
                                                                                           1.822E-07
1.611E-07
2.212E-07
                                                                                                                          0 000E+00
                                                                                                          3.047E-08
2.717E-08
                                              4.908E-06
                                                             0.000E+00
                                                                            3.596E-07
                              0.000E+00
     755
756
               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.327E-02
                                                                            2.902E-07
7.138E-07
               0.000E+00
                               0.000E+00
                                              4.406E-06
                                                             0.000E+00
                                                                                                           3.635E-08
                                                                                                                          0.000E+00
                                                                                                                                         0_000E+00
                                                                                                                                                        1.014E-02
                                                             0.000E+00
     757
               0.000E+00
                              0.000E+00
                                              5.603E-06
                                                                                                                                         0.000E+00
                                                                                                                                                        1.186E-02
                                                                                                          3.883E-08
3.943E-08
                                                                                                                          0.000E+00
                              0.000E+00
                                              5.981E-06
                                                             0.000E+00
                                                                            7.646E-07
                                                                                           2.369E-07
     758
               0.000E+00
                                                                                           2.481E-07
2.569E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.392E-02
                                                             0.000E+00
0.000E+00
                                                                            7.763E-07
7.840E-07
                               0.000E+00
                                              6.062E-06
     759
               0.000E+00
                                                                                                           4.114E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1 638E-02
                                             6.351E-06
7.088E-06
               0.000E+00
                              0.000E+00
     760
                                                                                                                                                        1.899E-02
                                                                                                                                         0.000E+00
                                                             0.000E+00
                                                                            8.400E-07
                                                                                           2.863E-07
3.353E-07
                                                                                                           4.574E-08
5.361E-08
                                                                                                                          0.000E+00
                               0.000E+00
     761
               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.185E-02
                                                                            9.113E-07
1.319E-06
     762
                               0.000E+00
                                             8.370E-06
                                                             0.000E+00
               0.000E+00
                                                                                                                                                        2.474E-02
3.919E-02
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                           7.787E-08
                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                                           4.648E-07
               0.000E+00
                               0.000E+00
                                              1.220E-05
     763
                               0.000E+00
                                              1.713E-05
                                                             0.000E+00
                                                                            1.883E-06
                                                                                           6.611E-07
                                                                                                           1.095E-07
                                                                                                                          0.000E+00
     764
               0.000E+00
                                                                                                           1.634E-07
2.092E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        6.935E-02
                                                                                           9.602E-07
                                                                            2.789E-06
3.604E-06
               0.000E+00
                               0.000E+00
                                              2.561E-05
                                                             0.000E+00
     765
                                                                                           1.231E-06
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1 285E-01
                                              3.275E-05
                                                             0.000E+00
               0.000E+00
                               0.000E+00
     766
                                                                                           1.318E-06
                                                                                                                                                        1.715E-01
                                                                                                                                         0.000E+00
                                                                            3.430E-06
                                                                                                           2.229E-07
                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
                                              3.525E-05
                                                             0.000E+00
     767
               0.000E+00
                                                                                                          2.236E-07
2.126E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.924E-01
                                                                            3.279E-06
2.898E-06
                                                                                           1.313E-06
1.266E-06
               0.000E+00
                                              3.551E-05
                                                             0.000E+00
     768
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1 668E-01
                               0.000E+00
                                              3.392E-05
                                                             0.000E+00
               0.000E+00
                                                                                                           1.984E-07
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        1.372E-01
                                                             0.000E+00
                                                                            2.671E-06
                                                                                           1.195E-06
                                              3.166E-05
               0.000E+00
                               0.000E+00
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                       TSP
                                                                                                                                                         Page - 138
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             11/07/95
                                                                                                                                          09:51:16
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                            2.968E-06
1.532E-06
1.197E-06
9.187E-07
7.376E-07
                                                                                                          1.950E-07
1.310E-07
1.071E-07
9.038E-08
                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        1.059E-01
                                                             0.000E+00
                                                                                           1.202E-06
                               0.000E+00
                                              3.077E-05
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        8.541E-02
6.701E-02
                                                             0.000E+00
0.000E+00
                                                                                           7.750E-07
     772
773
774
                                             2.113E-05
1.733E-05
               0.000E+00
                              0.000E+00
0.000E+00
                                                                                           6.318E-07
5.357E-07
               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        5.293E-02
                               0.000E+00
                                              1.470E-05
                                                             0.000E+00
               0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        4.270E-02
                                                             0.000E+00
                                                                                           4.552E-07
                                                                                                           7.658E-08
                                                                                                                                         0.000E+00
                                             1.249E-05
1.057E-05
                              0.000E+00
0.000E+00
     775
               0.000E+00
                                                                                                                                         0.000E+00
                                                             0.000E+00
                                                                            6.232E-07
                                                                                           3.856E-07
3.293E-07
                                                                                                           6.480E-08
5.520E-08
     776
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.833E-02
                                                                            5.155E-07
4.359E-07
                               0.000E+00
                                              9.013E-06
                                                             0.000E+00
      777
               0.000E+00
                                                                                                                                                        2.545E-02
                                                                                           2.881E-07
                                                                                                           4.820E-08
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                              7.882E-06
                                                             0.000E+00
      778
               0.000E+00
                               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.461E-02
                                                                                           2.523E-07
2.239E-07
                                                                                                           4.227E-08
3.764E-08
                                                                                                                          0.000E+00
                                                             0.000E+00
                                                                            4.004E-07
                               0.000E+00
                                              6.896E-06
     779
780
               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        2.356E-02
2.174E-02
                                                                                                                          0.000E+00
               0.000E+00
                               0.000E+00
                                              6.123E-06
                                                             0.000E+00
                                                                            3.789E-07
                                                                                                                                         0.000E+00
0.000E+00
                                                                                            2.032E-07
                                                                                                           3.426E-08
                                                                                                                          0.000E+00
                                              5.559E-06
                                                             0.000E+00
                                                                            3.611E-07
                              0.000E+00
0.000E+00
      781
               0.000E+00
                                                                             3.362E-07
                                                                                                           3.128E-08
2.908E-08
                                                                                                                          0.000E+00
                                              5.072E-06
                                                             0.000E+00
                                                                                           1.853E-07
               0.000E+00
     782
                                                                                                                                         0.000E+00
                                                                                                                                                        1.788E-02
```

3.227E-07

0.000E+00

0.000E+00

4.705E-06

0.000E+00

1.723E-07

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             1.635E-02
                                           4.924E-06
4.077E-06
5.164E-06
                                                                                            1.875E-07
                                                                                                            3.087E-08
                                                                                                                                             0.000E+00
                           0.000E+00
                                                           0.000E+00
                                                                            4.145E-07
784
785
          0.000E+00
0.000E+00
                                                                                                                                                             1.495E-02
9.809E-03
                                                           0.000E+00
0.000E+00
                                                                            2.820E-07
6.744E-07
                                                                                            1.490E-07
2.068E-07
                                                                                                            2.521E-08
3.361E-08
                                                                                                                                             0.000E+00
                           0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
786
           0.000E+00
                           0.000E+00
                                                                                                                                                              1.145E-02
                                                                            6.509E-07
                                                                                                                             0.000E+00
787
88
89
                           0.000E+00
                                            5.186E-06
                                                           0.000E+00
                                                                                            2.094E-07
                                                                                                            3.364E-08
           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                              1.308E-02
                                                                                                             3.346E-08
                                                                                                                                              0.000E+00
                                           5.159E-06
5.803E-06
                                                                            6.467E-07
7.197E-07
                                                                                            2.072E-07
2.325E-07
                           0.000E+00
                                                           0.000E+00
                                                                                                                                                              1.436E-02
1.597E-02
1.711E-02
                                                                                                            3.759E-08
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                           0.000E+00
           0.000E+00
                           0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                            6.597E-06
                                                            0.000E+00
                                                                            7.524E-07
                                                                                            2.690E-07
                                                                                                             4.246E-08
790
           0.000E+00
                                                                                            3.406E-07
                                                                                                             5.666E-08
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                            9.820E-07
791
           0.000E+00
                           0.000E+00
                                           8.854E-06
                                                           0.000E+00
                                                           0.000E+00
                                                                            1.412E-06
                                                                                             4.636E-07
                                                                                                            7.656E-08
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                              2.434E-02
                                           1.188E-05
                           0.000E+00
0.000E+00
           0.000E+00
792
                                                                                                                                                              3,699E-02
                                                                                                                             0.000E+00
0.000E+00
                                           1.641E-05
                                                            0.000E+00
                                                                            1.816E-06
                                                                                             6.303E-07
                                                                                                            1.050E-07
           0.000E+00
793
                                                                                                            1.482E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              6.374E-02
                                           2.316E-05
2.769E-05
                                                                            2.600E-06
3.019E-06
                                                                                            8.725E-07
                           0.000E+00
                                                           0.000E+00
794
           0.000E+00
                                                                                            1.045E-06
                                                                                                            1.767E-07
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                              1.002E-01
                           0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
795
           0.000E+00
                                                                            2.835E-06
2.636E-06
2.482E-06
                                                                                                                                             0.000E+00
                                                                                                                                                              1.263E-01
                                                            0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                            2.904E-05
                                                                                            1.088E-06
                                                                                                            1.837E-07
796
797
           0.000E+00
                                                                                                            1.816E-07
1.752E-07
                                                                                                                                              0.000E+00
                                                                                                                                                              1.393E-01
                                                                                            1.070E-06
                                           2.887E-05
2.789E-05
           0.000E+00
                                                            0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                              1.263E-01
                                                                                             1.035E-06
                                                                                                                                             0.000E+00
                                                            0.000E+00
798
           0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              1.094E-01
                                                                                                            1.667E-07
                                            2.661E-05
                                                            0.000E+00
                                                                            2.244E-06
                                                                                            9.967E-07
799
                                                                                            8.863E-07
7.333E-07
                                                                                                            1.482E-07
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                              8.726E-02
7.398E-02
                                                                            1.953E-06
                                           2.370E-05
1.983E-05
                                                           0.000E+00
0.000E+00
           0.000E+00
                           0.000E+00
800
                                                                                                            1.236E-07
1.020E-07
                                                                                                                             0.000E+00
0.000E+00
                                                                            1.568E-06
                                                                                                                                             0.000E+00
                           0.000E+00
0.000E+00
801
           0.000E+00
                                                                                                                                              0.000E+00
                                                                                            6.030E-07
5.088E-07
4.446E-07
          0.000E+00
0.000E+00
                                            1.641E-05
                                                            0.000E+00
                                                                            1.257E-06
9.882E-07
802
                                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              5.198E-02
                                                                                                            8.615E-08
                           0.000E+00
                                           1.392E-05
1.217E-05
                                                            0.000E+00
803
                                                                                                            7.513E-08
6.444E-08
5.555E-08
                                                                                                                                                              4 255E-02
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                            8.166E-07
                                                            0.000E+00
                           0.000E+00
0.000E+00
           0.000E+00
804
                                                                                                                                                              3.595E-02
                                                                                            3.831E-07
3.307E-07
2.859E-07
                                                                            6.415E-07
5.379E-07
                                            1.049E-05
                                                            0.000E+00
           0.000E+00
805
                                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                              3.092E-02
                           0.000E+00
0.000E+00
0.000E+00
                                           9.055E-06
7.823E-06
                                                           0.000E+00
0.000E+00
           0.000E+00
806
                                                                            4.758E-07
                                                                                                            4.805E-08
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                                              2.610E-02
807
           0.000E+00
                                                                                                                                                              2.113E-02
                                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                                                                                            2.557E-07
2.269E-07
                                                                                                             4.288E-08
           0.000E+00
                                            6.987E-06
                                                            0.000E+00
                                                                            4.186E-07
808
                                                                                                                                                              1.819E-02
1.759E-02
1.779E-02
1.746E-02
1.644E-02
                                                                                                             3.798E-08
                                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                           6.196E-06
5.530E-06
5.052E-06
                                                                            3.611E-07
           0.000E+00
                                                            0.000E+00
809
                                                                                                                                              0.000E+00
                                                                                                             3.394E-08
3.107E-08
                                                                                                                             0.000E+00
0.000E+00
                                                            0.000E+00
                                                                            3.294E-07
                                                                                             2.026E-07
810
           0.000E+00
                                                                                                                                              0.000E+00
                                                                            3.144E-07
3.025E-07
                                                                                            1.851E-07
1.702E-07
           0.000E+00
                                                            0.000E+00
811
                                                                                                             2.865E-08
                                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                                                           0.000E+00
0.000E+00
           0.000E+00
                           0.000E+00
                                           4.648E-06
4.272E-06
812
                                                                                                                                              0.000E+00
                                                                            2.907E-07
                                                                                             1.564E-07
                                                                                                             2.639E-08
                                                                                                                             0.000E+00
                           0.000E+00
813
           0.000E+00
                                                                                                                                                              1.513E-02
                                                                                                             2.427E-08
                                                                                                                             0.000E+00
                                                                                                                                              0.000E+00
                           0.000E+00
                                           3.922E-06
                                                            0.000E+00
                                                                            2.755E-07
                                                                                             1 436E-07
           0.000E+00
814
```

ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:

0.000E+00 0.000E

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

EPTOR	Pb	Mn	IIg	Ni	NAPTH	РАН	PROPL	Se	TOL	XYLEN
EPTOR 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 223 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	6.386E-06 6.249E-06 6.249E-06 1.027E-05 1.019E-05 9.215E-06 7.169E-06 7.169E-05 1.299E-05 3.641E-06 1.509E-05 1.197E-05 1.208E-05 1.308E-06 7.280E-05 1.392E-05 1.392E-05 1.392E-05 6.292E-06 5.521E-06 5.612E-06 5.612E-06 5.612E-06 5.612E-06 5.612E-06 5.612E-06 5.612E-06 5.612E-06 5.612E-06	0.000E+00	0.000E+00	9.846E-07 1.022E-06 1.016E-06 1.632E-06 1.62E-06 1.467E-06 1.187E-06 1.238E-06 1.995E-06 1.767E-06 1.767E-06 1.767E-06 1.767E-06 1.772E-06 2.022E-06 1.36E-07 8.136E-07 8.136E-07 8.136E-07 8.14E-07 7.513E-07 8.618E-07 8.618E-07 8.618E-07 9.253E-07 8.618E-07 8.618E-07 8.618E-07 8.618E-07 8.618E-07 8.618E-07 8.618E-07 8.618E-07 8.618E-07 9.337E-07 8.618E-07 9.434E-07 1.018E-06 1.338E-06 1.338E-06 1.338E-06 1.338E-06 1.338E-06 1.338E-06 1.338E-06 1.338E-06 1.338E-06	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00 0.000E+00
40 41 42	1.305E-05 1.533E-05 1.315E-05	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	1.931E-06 2.266E-06 1.954E-06	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 140

```
1.287E-05
      46
                              0.000E+00
                                              0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
                                                             2.409E-06
                                                                            0.000E+00
     47
               1.633E-05
                              0.000E+00
                                             0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                             2.645E-06
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         0 000E+00
                                              0.000E+00
                                                                            0.000E+00
                              0.000E+00
      48
49
               1.852E-05
                                                                                                                                                         0.000E+00
                                                            2.583E-06
2.523E-06
               1.776E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0 000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
               1.686E-05
                              0.000E+00
                                             0.000E+00
                                                                                                          0.000E+00
                                             0.000E+00
                                                             2.479E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
               1.625E-05
1.519E-05
                              0 000E+00
      51
                                                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.357E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
0.000E+00
      52
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
               1.393E-05
                                             0.000E+00
0.000E+00
                                                             2.193E-06
                                                                            0.000E+00
      53
                              0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                             1.840E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                         0 000E+00
               1.179E-05
                              0.000E+00
      54
                                                                                                                                                         0.000E+00
                                                                                           0.000E+00
0.000E+00
               1.029E-05
                              0.000E+00
                                              0.000E+00
                                                             1.596E-06
                                                                            0.000E+00
                                                                                                          0.000E+00
      55
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                          0.000E+00
                                                             1.417E~06
1.272E-06
                              0.000E+00
0.000E+00
                                                                            0.000E+00
      56
               9.184E-06
                                              0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
      57
               8.281E-06
                                                                                                                                                         0.000E+00
               7.556E-06
                              0.000E+00
                                              0.000E+00
                                                             1.159E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
      58
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                            0.000E+00
                                                                                                                                                         0.000E+00
                                             0.000E+00
0.000E+00
                                                             1.135E-06
               7.382E-06
                              0.000E+00
      59
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                             1.227E-06
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                         0 000E+00
                              0.000E+00
               7.952E-06
7.883E-06
      60
                                                                                                                                                         0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
                                             0.000E+00
0.000E+00
                                                             1.217E-06
                                                                            0.000E+00
                                                                                           0.000E+00
      61
                                                             1.339E-06
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
                                                                            0.000E+00
               8.622E-06
                              0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                                                             1.491E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                         0.000E±00
                              0.000E+00
      63
64
65
               9 564E-06
                                                                                                                                                         0.000E+00
                                                             1.687E-06
                                                                                           0.000E+00
                                             0.000E+00
0.000E+00
                                                                                                          0.000E+00
               1.072E-05
                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                                                             1.963E-06
                                                                            0.000E+00
               1.238E-05
1.403E-05
                              0.000E+00
                                                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.206E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
0.000E+00
      66
67
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
                                                                                           0.000E+00
               1.677E-05
                              0.000E+00
                                              0.000E+00
                                                             2.641E-06
                                                                            0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                                                             3.304E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               2.096E-05
2.900E-05
3.965E-05
                              0.000E+00
      68
69
                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             4.521E-06
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
                                                             6.088E-06
                                                                            0.000E+00
      70
                              0.000E+00
                                              0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
                                                             5.054E-06
                                                                            0.000E+00
               3.216E-05
2.155E-05
1.754E-05
      71
72
                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             3.422E-06
                                                                                                          0.000E+00
                                                             2.868E-06
2.390E-06
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
               1.469E-05
                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                             3.015E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
               1.918E-05
                              0.000E+00
                                              0.000E+00
      7.5
                                                                                                                                         0.000E+00
                                                                                                                                                         0.000E+00
      76
               1.870E-05
                              0.000E+00
                                              0.000E+00
                                                             3 040E-06
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                             3.955E-06
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                         0 000E+00
               2.410E-05
2.367E-05
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                              0.000E+00
                                                             3.824E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
      78
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                          0.000E+00
               1.872E-05
1.454E-05
1.144E-05
                                                                            0.000E+00
0.000E+00
                                                                                            0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             2.983E-06
                                                                                                                          0.000E+00
0.000E+00
                                              0.000E+00
                                                             2.310E-06
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0-000E+00
                              0.000E+00
      80
                                                                                                                                         0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             1.809E-06
      81
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                             1.428E-06
               8.977E-06
                              0.000E+00
                                              0.000E+00
                                              0.000E+00
                                                             1.740E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                         0 000E+00
               1.120E-05
1.215E-05
                              0.000E+00
0.000E+00
      83
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                             1.881E-06
1.713E-06
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0 000E+00
                                              0.000E+00
      84
85
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               1.072E-05
                              0.000E+00
0.000E+00
                                              0 000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
                                                             1.950E-06
                                                                            0.000E+00
                                                                                            0.000E+00
               1.245E-05
      86
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
      87
               1.249E-05
                              0.000E+00
                                              0.000E+00
                                                             1.951E-06
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                             2.303E-06
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                              0.000E+00
0.000E+00
               1.522E-05
                                              0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
               1.132E-05
1.279E-05
      89
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
                                                             2.009E-06
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
      90
                                                                                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                             2.554E-06
                                                                            0.000E+00
               1.661E-05
      91
                                                                                                                                                         0.000E+00
                                              0.000E+00
                                                             2.565E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
               1.634E-05
      92
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                             2.662E-06
2.774E-06
      93
               1.669E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                            0.000E+00
               1.720E-05
                              0.000E+00
                                              0.000E+00
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                       VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                              11/07/95
                                                                                                                                            09:51:16
                                                                                                                                                          Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                          0.000E+00
                                                             2.831E-06
2.926E-06
3.457E-06
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
               1.736E-05
1.779E-05
2.110E-05
                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                         0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
      96
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
      97
98
                                                                                                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
               2.667E-05
                              0.000E+00
                                              0.000E+00
                                                             4.324E-06
                                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                             5.441E-06
5.490E-06
                                                                            0.000E+00
      99
               3.399E-05
                              0.000E+00
                                              0.000E+00
                                                                                                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                            0.000E+00
               3.500E-05
2.733E-05
                              0.000E+00
                                              0.000E+00
     100
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             4.369E-06
                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
     101
102
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                             3.432E-06
3.392E-06
               2.107E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0 000E+00
               2.116E-05
1.973E-05
                              0.000E+00
0.000E+00
                                              0.000E+00
     103
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
                                                             3.141E-06
                                                                            0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
     104
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               1.839E-05
                              0.000E+00
                                              0.000E+00
0.000E+00
                                                             2.937E-06
2.886E-06
                                                                            0.000E+00
     105
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                            0.000E+00
               1.842E-05
1.849E-05
     106
                              0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             2.839E-06
                                                                            0.000E+00
                              0.000E+00
     107
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               3.674E-05
                              0.000E+00
                                              0.000E+00
                                                             5.366E-06
                                                                            0.000E+00
     108
                                                             4.214E-06
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                            0.000E+00
               2.813E-05
2.197E-05
                              0.000E+00
0.000E+00
                                              0.000E+00
     109
                                                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                              0.000E+00
                                                             3.457E-06
                                                                            0.000E+00
     110
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               2.586E-05
                              0.000E+00
                                              0.000E+00
                                                             3.995E-06
                                                                            0.000E+00
     111
                                                             5.085E-06
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               3.371E-05
                              0.000E+00
0.000E+00
                                              0 000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
               4.073E-05
7.469E-05
                                              0.000E+00
                                                             5.996E-06
                                                                             0.000E+00
     113
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                               0.000E+00
                                              0.000E+00
                                                             1.073E-05
                                                                            0.000E+00
     114
                                                             7.599E-06
5.017E-06
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
               5.190E-05
3.347E-05
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
     116
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                             6.492E-06
                                                                                            0.000E+00
               4.389E-05
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
     117
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                             0.000E+00
                                                             1.136E-05
               7.845E-05
                              0.000E+00
                                              0.000E+00
                                                             5.016E-06
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
                              0.000E+00
               3.228E-05
3.074E-05
     119
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                              4.913E-06
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
     120
                                                                                                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                             0.000E+00
                              0.000E+00
0.000E+00
                                                             5.776E-06
     121
               3.650E-05
                                              0.000E+00
                                                                                                                                          0.000E+00
                                              0.000E+00
                                                              6.176E-06
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
     122
               4.020E-05
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
                                                                                                           0.000E+00
0.000E+00
               6.615E-05
                               0.000E+00
                                                              9.881E-06
                                                                             0.000E+00
                                                                                            0.000E+00
     123
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                            0.000E+00
                                                             8.649E-06
               5.603E-05
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
                                                                                                                                                         0.000E+00
                                                             1.211E-05
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
     125
               8.054E-05
1.243E-04
                              0.000E+00
0.000E+00
                                              0 000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0 000E+00
                                              0.000E+00
                                                              1.837E-05
                                                                             0.000E+00
                                                                                            0.000E+00
     126
                                                                                            0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               1.407E-04
                                                             2.043E-05
1.550E-05
                               0.000E+00
                                              0.000E+00
                                                                             0.000E+00
     127
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
               1.065E-04
6.338E-05
5.293E-05
     128
                               0.000E+00
                                              0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                               0.000E+00
                                              0.000E+00
                                                              9.462E-06
     129
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
     130
                               0.000E+00
                                              0.000E+00
                                                              8.021E-06
                                                                             0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                              8.798E-06
               5.728E-05
1.179E-04
     131
                               0.000E+00
                                              0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                              0.000E+00
                                                                                                           0.000E+00
0.000E+00
                               0.000E+00
                                                              1.726E-05
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
     132
                                                                                                                                          0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                           0.000E+00
               1.648E-04
                                                                             0.000E+00
0.000E+00
                                                                                            0.000E+00
     133
                               0.000E+00
                                              0.000E+00
                                                              2.372E-05
                                                              2.597E-05
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                          0 000E+00
                                                                                                                                                         0.000E+00
                                              0.000E+00
     134
                1.801E-04
                               0.000E+00
                                                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                8.375E-05
                               0.000E+00
                                              0.000E+00
                                                              1.256E-05
     135
```

0.000E+00 0.000E+00 0.000E+00

0.000E+00

0.000E+00

0.000E+00 0.000E+00

0 000E+00

1.289E-05 9.622E-06 8.179E-06

43

45

0.000E+00

0.000E+00 0.000E+00

0.000E+00

0.000E+00 0.000E+00

1.910E-06

1.436E-06 1.225E-06

1.916E-06

0.000E+00 0.000E+00 0.000E+00

0.000E+00

0.000E+00 0.000E+00 0.000E+00

0.000E+00

0 000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
8.075E-06
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
    136
               5.218E-05
                              0.000E+00
                                             0.000E+00
    137
138
               5.313E-05
4.887E-05
                              0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                            8.522E-06
7.897E-06
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
     39
40
41
               5.877E-05
                              0.000E+00
                                             0.000E+00
                                                            9,339E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               5.257E-05
5.825E-05
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                             0.000E+00
                                                            8.338E-06
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                                             0.000E+00
                                                            9.003E-06
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
               3.954E-05
                              0.000E+00
                                             0.000E+00
                                                            6.204E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                                         0 000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               2.788E-05
2.740E-05
                                                                                           0.000E+00
                                             0.000E+00
                                                            4.449E-06
                                                                            0.000E+00
    143
                              0.000E+00
                              0.000E+00
                                             0.000E+00
                                                             4.260E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
    144
               2.235E-05
                              0.000E+00
                                             0.000E+00
                                                            3 596E-06
                                                                            0-000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                            3.318E-06
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
    146
               2.028E-05
                              0.000E+00
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                          1991 MET.
                                                                                      TSP
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                             11/07/95
                                                                                                                                           09:51:16
                                                                                                                                                         Page -
                                                                                                                                                                   142
                              0.000E+00
                                                            3.091E-06
2.920E-06
2.546E-06
2.229E-06
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                                            0-000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
               1.775E-05
1.549E-05
     148
                                                                                                                                         0.000E+00
0.000E+00
    149
     150
               1.356E-05
                              0.000E+00
0.000E+00
                                             0.000E+00
                                                                            0 000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                            2.229E-06
2.338E-06
2.480E-06
2.142E-06
1.913E-06
                                             0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               1.424E-05
1.524E-05
                                                                            0.000E+00
     151
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
     152
                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                                                                                          0.000E+00
               1.313E-05
                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
               1.175E-05
1.070E-05
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                             0.000E+00
                                                                                           0.000E+00
     154
     155
                              0.000E+00
                                              0.000E+00
                                                            1.738E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
               1.211E-05
                                             0.000E+00
0.000E+00
                                                            1.926E-06
2.099E-06
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
     156
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               1.345E-05
1.260E-05
                              0.000E+00
                                                                            0.000E+00
                                                                                           0,000E+00
     157
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
     158
                              0.000E+00
                                              0.000E+00
                                                             1.989E-06
                                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                         0.000E+00
0.000E+00
     159
               1.201E-05
                              0.000E+00
                                             0 000E+00
                                                            1.897E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                              0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                             0.000E+00
                                                             1.681E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
               1.053E-05
1.000E-05
     160
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                              0.000E+00
                                                             1.587E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
     161
                                                             1.756E-06
2.015E-06
               1.109E-05
1.282E-05
                              0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                             0 000E+00
                                                                            0 000E+00
                                                                                           0 000E+00
                                             0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     163
                                                            2.505E-06
2.505E-06
2.871E-06
2.681E-06
2.106E-06
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
     164
               1.880E-05
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
               1.778E-05
1.396E-05
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
     166
                                                                                                                                                        0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
     167
                                                                                                                                                        0.000E+00
                                                            1.636E-06
1.373E-06
                              0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
     168
               1.071E-05
                                             0.000E+00
               8.996E-06
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     169
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
               9.296E-06
                              0.000E+00
                                              0.000E+00
                                                             1.418E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
     171
                                              0.000E+00
                                                             1.481E-06
                                                                            0.000E+00
               9.746E-06
                              0.000E+00
                                                                                           0.000E+00
               9.921E-06
                              0.000E+00
                                              0.000E+00
                                                             1.501E-06
                                                                            0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     172
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             1.485E-06
1.766E-06
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0 000E+00
               9.858E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
     174
               1.158E-05
               1.374E-05
                              0.000E+00
                                              0.000E+00
                                                             2.117E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     175
               1.761E-05
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
                                                            2.745E-06
3.133E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
     177
               2.021E-05
               1.894E-05
                              0.000E+00
                                              0.000E+00
                                                             2.892E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     178
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                             3.204E-06
                                                                                                          0.000E+00
               2.082E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
      ign
               2.454E-05
2.701E-05
                              0.000E+00
                                              0.000E+00
                                                             3.826E-06
                                                                            0.000E+00
                                                                                           0,000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                                             4.213E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
    181
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                            3.144E-06
2.271E-06
                                              0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
               2.027E-05
                              0.000E+00
                                                                            0.000E+00
                                                                                           0 000E+00
                                                                            0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
                              0.000E+00
     183
               1.484E-05
                                                            1.677E-06
1.383E-06
               1.119E-05
9.358E-06
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                                            0.000E+00
     184
                                                                                                                                                        0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                             1.426E-06
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               9.591E-06
     186
               9.540E-06
                              0.000E+00
                                              0.000E+00
                                                             1.426E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     187
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.458E-06
1.485E-06
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
               9.686E-06
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                                            0.000E+00
     189
               9.858E-06
                              0.000E+00
                              0.000E+00
                                                             1.298E-06
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               8.674E-06
                                              0.000E+00
                                                                            0.000E+00
     190
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.155E-06
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
               7.787E-06
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                             1.033E-06
                                                                            0.000E+00
     192
               7.022E-06
                              0.000E+00
                                              0.000E+00
                              0.000E+00
                                                             6.727E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               4.219E-05
                                              0.000E+00
     193
                                                             6.152E-06
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
               3.808E-05
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                             5.847E-06
5.716E-06
                                                                                           0.000E+00
     195
               3.576E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               3.492E-05
                              0.000E+00
0.000E+00
     196
               3.483E-05
                                              0.000E+00
                                                             5.664E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               3.430E-05
                              0.000E+00
                                              0.000E+00
                                                             5.522E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 143
                                                                                                                                                         Page -
                              0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                             5.437E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                                                                        0.000E+00
               3.492E-05
3.219E-05
                                                             5.455E-06
5.035E-06
                                                                            0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
     200
                              0.000E+00
                                             0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     201
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
     202
               3.006E-05
                                              0.000E+00
                                                             4.694E-06
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                             4.644E-06
7.678E-06
7.014E-06
                                                                                                           0.000E+00
               3.014E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
     203
                                                                                           0.000E+00
               4.815E-05
4.335E-05
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     204
                              0.000E+00
0.000E+00
                                              0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                        0.000E+00
                                                                            0.000E+00
     205
                                                                                                                                                        0.000E+00
               4.150E-05
                              0.000E+00
                                              0.000E+00
                                                             6.787E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
     206
                                                                                                          0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
               4.162E-05
                                                             6.799E-06
                                                                            0.000E+00
     207
                              0.000E+00
                                              0.000E+00
               4.048E-05
3.978E-05
4.177E-05
                                                             6.552E-06
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                              0.000E+00
                                                                                            0.000E+00
                              0.000E+00
     208
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             6.340E-06
                                                                            0.000E+00
                                                                                                                                         0.000E+00
     209
                                                             6.510E-06
7.123E-06
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                            0.000E+00
                              0.000E+00
0.000E+00
     210
                                              0~000E+00
               4.669E-05
                                              0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     211
                                                                                                                                                        0.000E+00
                                                             5.681E-06
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
               3.678E-05
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                            0.000E+00
                                                                                                          0.000E+00
               3.315E-05
                                                             5.128E-06
                                                                            0.000E+00
     213
                              0.000E+00
                                              0.000E+00
                                                                                                           0.000E+00
               3.402E-05
                                                             5.186E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
     214
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                         0.000E+00
               5.344E-05
                              0.000E+00
                                              0.000E+00
                                                             8.585E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
               4.873E-05
4.871E-05
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
                                                             7.900E-06
7.924E-06
     216
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                            0.000E+00
     217
               5.101E-05
                              0.000E+00
                                              0.000E+00
                                                             8.261E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                           0.000E+00
     119
               4.943E-05
4.770E-05
                                                             7.894E-06
7.497E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
                                                                            0.000E+00
                                                                                            0.000E+00
     220
                                                                                                                                                        0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
     221
               5.802E-05
                              0.000E+00
                                              0.000E+00
                                                             8.811E-06
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
               5.649E-05
4.105E-05
                                                             8.522E-06
6.299E-06
                                                                                                           0.000E+00
                              0.000E+00
0.000E+00
                                              0.000E+00
0.000E+00
     222
                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                        0.000E+00
     223
                                                                                                                                                        0.000E+00
                              0.000E+00
                                              0.000E+00
                                                             5.714E-06
                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                         0.000E+00
               3.734E-05
```

```
4.191E-05
                                                           6.292E-06
6.941E-06
6.533E-06
                                                                                                                                      0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                          0 000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
    226
227
              4.558E-05
4.316E-05
                             0.000E+00
0.000E+00
                                            0.000E+00
                                                                                                                                                      0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                      0.000E+00
    228
229
230
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
                                                           8.333E-06
                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
              5.647E-05
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                           7.363E-06
7.265E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
              4.854E-05
              4.828E-05
                                             0.000100
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
                                                           9 079E-06
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               6.166E-05
                             0.000E+00
                                            0.000E+00
                                                                          0 000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
     231
                                                           8.881E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
                                             0.000E+00
     232
              5.930E-05
                                                           7.384E-06
7.738E-06
              4.886E-05
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     233
               5.173E-05
                             0.000E+00
                                             0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                           1.194E-05
                                                                                                                                       0.000E+00
                                             0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
     235
              8.100E-05
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                             0.000E+00
                                                           8.482E-06
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                      0 000E+00
               5.644E-05
     236
                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
                                                           8.572E-06
1.026E-05
                                                                          0.000E+00
0.000E+00
                                                                                                        0 000E+00
               5.744E-05
                                             0.000E+00
                                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
              6.878E-05
     238
              6.298E-05
                                                           9.398E-06
1.231E-05
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                             0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     239
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
              8.293E-05
                             0.000E+00
                                             0.000E+00
     240
                                             0.000E+00
                                                           1.083E-05
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
              7.287E-05
                             0.000E+00
     241
242
                                                           1.408E-05
1.155E-05
                                            0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
               9.510E-05
                             0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     243
               7.768E-05
                             0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            1.327E-05
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
              8.889E-05
     244
                                                           1.021E-05
4.399E-07
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
                                                                                                                                                      0 000E+00
     245
                                             0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
     246
               3.056E-06
              3.409E-06
3.780E-06
                                             0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            4.932E-07
                                                                           0.000E+00
     247
                             0.000E+00
                                            0.000E+00
                                                           5.478E-07
5.016E-07
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
     248
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                            0.000E+00
              3.422E-06
                             0.000E+00
                             0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
              3.223E-06
                                             0.000E+00
                                                            4.826E-07
                                                                           0.000E+00
                                                                                          0.000E+00
     250
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                     TSP
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                         Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                           11/07/95
                                                                                                                                         09:51:16
                                                                                                                                                       Page -
                                                                                                                                                                144
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                            0.000E+00
                                                            5.171E-07
               3 410E-06
                             0.000E+00
     251
252
                                                           5.265E-07
5.265E-07
5.542E-07
5.453E-07
5.507E-07
              3.405E-06
3.567E-06
                             0.000E+00
                                            0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                      0.000E+00
    253
254
255
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
               3-464E-06
                             0.000E+00
0.000E+00
               3.482E-06
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0 000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                                                           0.000E+00
     256
               3.517E-06
                                             0.000E+00
                                             0.000E+00
                                                            5.532E-07
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
     257
              3.462E-06
                                                                                                        0.000E+00
0.000E+00
0.000E+00
               3.334E-06
                             0.000E+00
                                             0.000E+00
                                                            5.347E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0 000E+00
                                                                                                                                                      0.000E+00
     258
                                                                                                                        0.000E+00
0.000E+00
                             0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                           4.999E-07
                                                                                         0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     259
               3.099E-06
                                                                           0.000E+00
                                                            4.495E-07
                                                                           0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
              2.775E-06
     260
               2.518E-06
                                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            4.078E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     261
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                                           3.796E-07
3.833E-07
                                                                                          0.000E+00
     262
               2.343E-06
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
     263
               2.379E-06
               2.602E-06
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
                                             0.000E+00
                                                            4.147E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
     264
                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                           4.557E-07
5.148E-07
                                                                           0.000E+00
0.000E+00
               2.888E-06
                                             0.000E+00
                                             0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     266
               3.311E-06
               3.628E-06
                                             0.000E+00
                                                            5.587E-07
5.818E-07
                                                                           0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0 000E+00
                                                                                                                                                      0.000E+00
     267
                                                                                                                        0.000E+00
                                                                                                                                       0.000E:00
                                                                                                                                                      0.000E100
                                                                           0.000E+00
     268
               3.815E-06
                             0.000E+00
                                             0.000E+00
              3.759E-06
3.673E-06
                                                            5.701E-07
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                            5.544E-U/
5.500E-07
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                        0.000E+00
     270
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
                             0.000E+00
0.000E+00
     271
               3.677E-06
                                             0.000E+00
                                             0.000E+00
                                                            4.910E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               3.286E-06
     272
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               2.713E-06
                             0.000E+00
                                             0.000E+00
                                                            4.083E-07
                                                                           0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                         0.000E+00
     273
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            3.540E-07
                                                                           0.000E+00
     274
              2.341E-06
2.350E-06
                             0.000E+00
0.000E+00
                                             0.000E+00
                                             0.000E+00
                                                            3.451E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     275
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     276
               2.602E-06
                              0.000E+00
                                             0.000E+00
                                                            3.828E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
     277
               2.798E-06
                                            0.000E+00
0.000E+00
                                                            4.151E-07
                                                            4.430E-07
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               2.956E-06
     278
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            4.752E-07
                                                                           0.000E+00
                                                                                                                        0.000E+00
     279
               3.146E-06
                                                                                                                                       0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
               3.374E-06
                             0.000E+00
                                             0.000E+00
                                                            5.157E-07
                                                                           0.000E+00
                                                            5.580E-07
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
                             0.000E+00
0.000E+00
              3.600E-06
3.775E-06
                                             0.000E+00
     281
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                             0.000E+00
                                                            5.893E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
     282
                                                            5.925E-07
                                                                                                                                                      0.000E+00
               3.745E-06
                             0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                         0.000E+00
0.000E+00
     283
                                                            6.139E-07
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
                             0.000E+00
0.000E+00
                                             0.000E+00
     284
               3.876E-06
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                             0.000E+00
                                                            6.187E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0 000E+00
               3.896E-06
     285
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
     286
                             0.000E+00
                                             0.000E+00
0.000E+00
                                                            6.156E-07
5.905E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
                                                                           0.000E+00
     287
               3.677E-06
               3.365E-06
                                             0.000E+00
                                                            5.445E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0 000E+00
     288
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
               2.988E-06
                                                            4.847E-07
4.451E-07
                                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     289
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
               2.746E-06
2.619E-06
                             0.000E+00
0.000E+00
                                             0.000E+00
     290
                                             0.000E+00
                                                            4.248E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     291
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            4.492E-07
4.917E-07
                                                                                                         0.000E+00
0.000E+00
               2.802E-06
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
     292
                                                                                          0.000E+00
                                                                                                                                       0.000E+00
                                                                           0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                      0.000E+00
     293
               3.098E-06
                             0.000E+00
                                             0.000E+00
                             0.000E+00
0.000E+00
                                             0.000E+00
                                                            5.387E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               3.435E-06
     294
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                            5.748E-07
5.948E-07
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
     295
               3.692E-06
                                             0.000E+00
                                                                           0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                           0.000E+00
               3.856E-06
                              0.000E+00
                                             0.000E+00
     296
                             0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
                                                            5.846E-07
                                                                           0.000E+00
     297
               3.817E-06
3.561E-06
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                      0 000E+00
                                             0.000E+00
                                                            5.448E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
     298
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                          0.000E+00
               3.321E-06
                              0.000E+00
                                             0.000E+00
                                                            5.060E-07
                                                                           0.000E+00
     299
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
                                                            4.549E-07
                                                                           0.000E+00
              2.993E-06
2.702E-06
                                             0.000E+00
     300
                                                            4.103E-07
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
                                                                           0.000E+00
     301
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
               2.383E-06
                                             0.000E+00
                                                            3.625E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 145
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                         Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                            3.229E-07
3.480E-07
3.752E-07
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
     303
               2.121E-06
                              0.000E+00
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               2.352E-06
                              0.000E+00
                                             0.000E+00
     304
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               2.541E-06
2.791E-06
                             0.000E+00
0.000E+00
     305
                                             0.000E+00
                                                            4.148E-07
                                                                           0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     306
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
               3.066E-06
                              0.000E+00
                                             0.000E+00
                                                            4.586E-07
                                                                           0.000E+00
     307
                                                            5.026E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                             0.000E+00
               3.332E-06
                             0.000E+00
0.000E+00
     308
                                                                                                                        0.000E+00
0.000E+00
               3.564E-06
                                             0.000E+00
                                                            5.442E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
     309
                                                                                                                                                      0.000E+00
                                                                                                                                       0.000E+00
                                             0.000E+00
0.000E+00
                                                                                                         0.000E+00
     310
               3.896E-06
                              0.000E+00
                                                            6.028E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                            6.493E-07
6.658E-07
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                              0.000E+00
0.000E+00
                                                                           0.000E+00
     311
312
               4.163E-06
                                                                                                                                                      0.000E+00
               4.206E-06
                                             0.000E+00
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                        0.000E+00
               4.356E-06
                              0.000E+00
                                             0.000E+00
                                                            6.906E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
```

```
0.000E+00
0.000E+00
    314
315
              4.366E-06
4.326E-06
                            0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                           0.000E+00
                                                          6.933E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                          6.571E-07
              4,086E-06
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          5,965E-07
                                                                         0.0000000
                                                                                       0 000E+00
                                                                                                     0_000E+00
    317
              3.682E-06
                            0.0002+00
                                           0 000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                  0.000E+00
              3.283E-06
                             0.000E+00
                                             000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    318
              3.043E-06
                             0.000E+00
                                           0 000E+00
                                                          4.945E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
                                                          4.941E-07
                                                                         0.000E+00
    320
              3.056E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
              3,364E-06
                                                          5.371E-07
     321
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                          5.844E-07
6.219E-07
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
              3.702E-06
                             0.000E+00
                                                                         0.000E+00
                                                                                                                    0.D00E+00
                                                                                                                                   0.000E+00
              3.973E-06
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
    323
324
              4.090E-06
                             0.000E+00
                                           0.000E+00
                                                          6,356E-07
                                                                         0,000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     325
              3.952E-06
                            0.000E+00
                                           n nnne+nn
                                                          6.111E-07
                                                                         0.00E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    O DOOE+OR
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                       0.000E+00
              3.693E-06
3.351E-06
                            0.000E+00
                                           0.000E+00
                                                          5,698E-07
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     326
     327
                             0.000E+00
                                           0.000E+00
                                                          5.157E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     328
              3.014E-06
                             0 000E+00
                                           0.000E+00
                                                          4.625E-07
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          4.060E-07
                                                                         0.000E+00
                                                                                                                    0.000E+00
              2.641E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
    329
              2.343E-06
                             0.000E+00
                                           0.000E+00
                                                          3.602E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.00DE+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    330
                                                                                       0.000E+00
                                                          3.260E-07
                                                                                                                                                 0.000E+00
0.000E+00
              2,124E-06
                            0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                          2.935E-07
3.534E-07
              1.911E-06
2.397E-06
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    332
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     333
                                                          3.976E-07
4.293E-07
                                                                                       0.000E+00
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
     334
              2,689E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
              2.898E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
    335
                                                          4.796E-07
5.365E-07
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E \pm 00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+D0
     336
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     337
              3 567E-06
                            0 000E+00
                                                          5.907E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
              3.889E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    338
                             0.000E+00
                                           0.000E+00
                                                          6.556E-07
7.191E-07
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              4.615E-06
4.757E-06
                                                                                                                                                 0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+D0
                                                                                                                                   0.000E+00
    340
                            0.000E+00
    341
                             0.000E+00
                                           0.000E+00
                                                          7,52BE-07
                                                                         0,000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              4,937E-06
                             0.000E+00
                                           0.000E+00
                                                          7.837E-07
7.961E-07
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    343
              4.992E-06
4.912E-06
                             0 000E+00
                                           0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E + 00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          7.882E-07
7.358E-07
6.576E-07
                             0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
    345
              4.563E-06
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.00DE+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.0D0E+00
                            0.000E+00
                                           0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    346
              4.052E-06
              3.674E-06
                             0.000E+00
                                           0.000E+00
                                                          5.969E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                          5.652E-07
5.956E-07
                                                                         0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
0.000E+00
     348
              3,471E-06
                             0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
              3.703E+06
                             0.000E+00
                                                                                                                                                  0.000E+00
    349
                                                                                                                                   0.000E+00
     350
              4.079E-06
                             0.000E+00
                                           0.000E+00
                                                          6.478E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
    351
352
                                                          6.898E-07
7.030E-07
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
              4.387E-06
                             0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                            0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                                                                                                   0.000E+00
              4.503E-06
                                                                                                                                                  0.000E+00
                                                          6.715E-07
                             0.000E+00
                                           0.000E+00
                                                                         0,000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                    0.000E+00
    354
              3 934E-06
                            0.000E+00
                                           0.000E+00
                                                          6.112E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                                   TSP
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                       1991 MET
                                                                                                                                                VERS. 93288
                                                                       g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                       Output File:
                                                                                                                        11/07/95
                                                                                                                                     09:51:16
                                                                                                                                                  Page -
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
                                                          5,456E-07
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                          4.831E-07
4.226E-07
                                                                         0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
    356
357
              3.121E-06
2.720E-06
                            0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
              2.402E-06
                            0.000E+00
                                           0.000E+00
                                                          3.721E-07
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                     0.000E+00
              2.154E-06
1.931E-06
    359
                            0.000E+00
                                           0.000E+00
                                                          3.332E-07
                                                                         0.000E+00
                                                                                                                    0.000E + 00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          2,986E-07
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    360
     361
              1.758E-06
                             0.000E+00
                                           0.000E+00
                                                          2.714E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    D_000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          3.629E-07
    362
              2.469E-06
2.757E-06
                            D.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
                                                          4,067E-07
                                                                                                      0.000E+00
    363
                                                          4.574E-07
4.995E-07
                                           0.000E+00
     364
              3.094E-06
                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    D.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              3.356E-06
3.785E-06
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                                   0.000E+00
    365
                            0.000E\pm00
                                           O DODE+OD
                                                                                                     0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                                  0.00DE+00
                                                                                       0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                          5.669E-07
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.00DE+00
                                                                                                                                   0.000E+00
    366
                                           0.000E+00
                                                          6.405E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0,000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    367
              4.233E-06
                             0.000E+00
                                                          7.193E-07
7.973E-07
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    368
              4.687E-06
                            0.000E+00
                                           0.000E+00
                                                                         0 000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                            0.000E+00
              5.119E-06
    369
    370
              5.422E-06
                             0.000E+00
                                           0.000E+00
                                                          8.571E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
    371
              5.647E-06
5.737E-06
                            0.000E+00
                                           0 .000E+00
                                                          8.972E-07
9.175E-07
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                           0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
    372
                            0.000E+00
    373
                                                          9.016E-07
                                                                         0.000E+00
                                                                                       0.D00E+00
                                                                                                      0.000E+00
                                                                                                                                                  0.000E+00
              5.608E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                          8.286E-07
7.414E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
              5.125E-06
                            0.0002+00
                                           0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.D00E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0:000E+00
                                                                                                                                   0.000E+00
              4.557E-06
4.175E-06
                                           0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
    375
                            0.0005 \pm 00
                                                                                                                                                  0.000E+00
                                                          6.805E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.00DE+00
                            0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
    376
                                                          6.783E-07
                                                                                       0.000E+00
0.000E+00
              4.178E-06
                            0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          7.285E-07
7.757E-07
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
    378
              4.551E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                                  0.000E+00
              4.908E-06
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
    379
                            0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
                                                          7,91BE-07
7,591E-07
                                                                                       0.000E+00
0.000E+00
              5.052E-06
                                           0.000E+00
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                         0.000E+00
    381
              4.869E-06
                            0.000E+00
                                           0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                          6,856E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
              4.400E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    382
              3.870E-06
                            0.000E+00
                                           0.000E+00
                                                          6.026E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    383
                                                                                                                                                 0.000E+00
0.000E+00
    384
              3.355E-06
                            0.000E+00
                                           0.000E+00
                                                          5.223E-07
                                                                         0.000E+00
                                                                                       0.DOOE+00
                                                                                                     0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
                                                          4.499E-07
                                                                         0.000E+00
                                                                                       0.000E+00
              2.887E-06
2.530E-06
                            0.000E+00
                                           0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    385
                                           0.000E+00
                                                          3.940E-07
3.474E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                                                                                      0.000E+00
    386
              2.234E-06
1.987E-06
    387
                            n = 0.00E \pm 0.0
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.DOOE+00
                                                                                                     0 000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0 = 0.00 \times \pm 0.0
                                                          3,087E-07
                                                                                       0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    388
              1,795E-06
                            0.000E+00
                                           0.000E+00
                                                          2.783E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0,000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.620E-06
2.582E-06
                                                          2.507E-07
3.781E-07
                                                                                       0.000E+00
    390
                            n nnnr+nn
                                           0.000E+00
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   O DODE+DO
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                                   0.00DE+00
    391
              2.841E-06
                            0.000E+00
                                           0.000E+00
                                                          4.180E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              3.197E-06
                                                                                       0.000E+00
                                                                                                                                   0.000E+00
    393
                            0.000E+00
                                           0.000E+00
                                                          4.725E-07
                                                                         0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                                 0.000E+00
                                           0.000E+00
                                                          5,354E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              3.616E-06
                            0.000E+00
    394
              4.025E-06
                            0.000E+00
                                           0.000E+00
                                                          6.018E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    395
    396
              4.573E-06
                            0.000E+00
                                           0.000E+00
                                                          6.887E-07
7.859E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
    397
              5 148E-06
                            0.000E+00
                                                                                                                                                  0.000E+00
              5.766E-06
                                                          8.955E-07
                                                                                       0.000E+00
                                                                                                      0.000E+00
    398
                            0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              6.253E-06
6.562E-06
                            0.000E+00
                                           0.000E+00
                                                          9,862E-07
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.00DE+00
                                                                                                                                                  0.000E+00
                                                                                                     0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                   0.000E+00
                            0.000E+00
0.000E+00
                                                          1.044E-06
                                                                                                                    0.000E+00
    400
                                           0.000E+00
                                                                                                                                                  0.000E+00
              6.721E-06
                                           0.000E+00
                                                          1.078E-06
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    401
                                                          1.049E-06
9.493E-07
    402
              6.513E-06
                            0.000E+00
                                           0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              5.857E-06
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                    0.000E+00
    403
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
    404
              5.295E-06
                                           0.000E+00
                                                          8.628E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    405
              4.941E-06
                            0.000E+00
                                           0.000E+00
                                                          8.080E-07
                                                                         0.000E+00
                                                                                       0 000E+00
                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   O.DDDE+00
                                                                                                                                                  0.000E+00
                                                                                       0.000E+00
    406
              5.194E-06
                            0.000E+00
                                           0.000E+00
                                                          8 382E-07
                                                                         0.000E+00
                                                                                                     0 000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                 0-000E+00
```

6 952E-07

0 000E+00

0.000E+00

0.000E+00

GOL: Inp	DEN QUEEN ut File:	MINING - : g:\ace\GQ9	SOLEDAD MTN I 1\GQTPACE.DA	PROJECT - A	LL RECEPTORS, Output File:	1991 MET, g:\ace\GQ9	TSP * 1\GQTPACE.OUT	OUTPUT OF	AMI/SBCAPCD AC 11/07/9		VERS. 93288 * Page - 147
	4401234567890112345678901234567	5.601E-06 602E-06 5.501E-06 5.501E-06 61329E-06 61	0.000E+00	0.000E+00 0.000E	9.126E-07 8.706E-07 7.787E-07 7.786E-07 5.758E-07 4.912E-07 3.672E-07 4.230E-07 3.672E-07 2.546E-07 2.546E-07 3.930E-07 3.930E-07 4.953E-07 5.608E-07 6.372E-07 7.395E-07 1.147E-06 1.244E-06 1.244E-06 1.244E-06 1.244E-06 1.244E-06 1.244E-06 1.244E-06 1.246E-07 1.052E-06 1.052E-07 7.748E-07 3.942E-07 7.748E-07 3.942E-07 7.748E-07 7.886E-07	0.000E+00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000E+00 0.000E	0.000E+00	0.000E+00 0.000E+00	0.000E+00
GOL Inp	458 DEN QUEE ut File:	9.472E-06 N MINING - g:\ace\GQ9	0.000E+00 SOLEDAD MTN 1\GQTPACE.DA	0.000E+00 PROJECT - A	ALL RECEPTORS,	0.000E+00 1991 MET, g:\ace\GQS		O.DCOE+OC			0.000E+00 VERS. 93288 * Page - 148
	44444444444444444444444444444444444444	9,962E-06 9,324E-06 8.503E-06 7.829E-06 7.928E-06 8.073E-06 7.756E-06 6.819E-06 5.749E-06 4.677E-06 3.61E-06 2.689E-06 2.301E-06 1.437E-06 1.437E-06 1.277E-06 1.163E-06 2.819E-06 4.186E-06 4.186E-06 4.186E-06 4.186E-06 3.191E-06 3.629E-06 4.186E-06 1.277E-06 6.846E-06 1.27E-05 1.200E-05 1.200E-05 1.200E-05 1.23E-05 9.503E-06 8.210E-06 6.837E-06 6.837E-06 6.837E-06	0.000E+00	0.000E+00 0.000E+00	1.510E-06 1.390E-06 1.284E-06 1.284E-06 1.283E-06 1.282E-06 1.222E-06 0.1.222E-06 0.1.232E-07 0.7.373E-07 0.7.373E-07 0.4.966E-07 4.966E-07 2.613E-07 0.3.603E-07	0.000E+00 0.000E	0 0.00E+00 0 0.00E+00	0.000E+00	0 0.00E+00 0 0.00E+00	0.000E+00	0.000E+00 0.000E+00

```
0.000E+00
                                                          4.576E-07
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              2.910E-06
2.412E-06
                             0.000E+00
0.000E+00
    497
                                            0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                          3.804E-07
                                                                         0.000E+00
    498
                                                          3.170E-07
2.706E-07
              2.004E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     499
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
    500
              1.709E-06
                             0.000E+00
                                                                                        0.000E+00
0.000E+00
              1.506E-06
                             0.000E+00
                                                           2.386E-07
                                                                         0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
    501
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
                             0.000E100
                                            0.000E+00
0.000E+00
                                                          2.158E-07
1.986E-07
                                                                         0.000E+00
     502
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                         0.000E+00
    503
              1.251E-06
                             0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
    504
              1.166E-06
                                                           1.851E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           3.983E-07
              2.753E-06
                             0.000E+00
                                            0.000E+00
     505
                                            0.000E+00
                                                           4.650E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
    506
507
              3.220E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                          5.427E-07
6.275E-07
                                                                                        0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                       0.000E+00
              3.746E-06
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                         0.000E+00
    508
              4.298E-06
                             0.000E+00
                                                           7.501E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E \pm 0.0
                                                                                                                                                   n none+on
                             0.000E+00
                                            0.000E+00
    509
              5.119E-06
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
              6.022E-06
                             0.000E+00
                                            0.000E+00
                                                           8.933E-07
                                                                         0.000E+00
                                                                                        0.000E+00
    510
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS,
                                                                                                     OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                        1991 MET.
                                                                                    TSP
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                        g:\ace\GQ91\GQTPACE.OUT
                                                                                                                         11/07/95
                                                                                                                                       09:51:16
                                                                                                                                                    Page - 149
                                                        Output File:
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                           1.120E-06
                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
    511
512
              7 461E-06
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
                                                          1.422E-06
3.851E-06
2.418E-06
                                                                                                                                     0.000E+00
              9.285E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
    513
              2,633E-05
                             0.000E+00
                                            0 000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
    514
515
                             0.000E+00
                                            0.000E+00
              1.469E-05
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                          2.282E-06
2.020E-06
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
              1.411E-05
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
     516
              1.271E-05
                             0-000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                           1.643E-06
                                                                         0.000E+00
                                                                                                                      0 000E+00
                             0.000E+00
    517
518
              1.037E-05
8.333E-06
                                                           1.322E-06
1.013E-06
7.805E-07
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              6.374E-06
4.919E-06
                             0 000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
     520
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                         0.000E+00
              3.928E-06
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                           6.212E-07
4.968E-07
     521
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              3.133E-06
                             0-000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              2.539E-06
2.121E-06
                                                          4.038E-07
3.377E-07
                                                                                        0.000E+00
0.000E+00
                                                                                                       0 000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     523
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           2.912E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
     525
              1.829E-06
                             0.000E+00
              1.636E-06
1.489E-06
                             0.000E+00
                                            0.000E+00
                                                           2.604E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     526
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                           2.369E-07
2.180E-07
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
     527
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              1.371E-06
                                            0.000E+00
     528
                             0.000E+00
                                                                                                                                     0.000E+00
              1.273E-06
1.190E-06
2.506E-06
3.009E-06
                             0.000E+00
                                            0.000E+00
                                                           2.022E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     529
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                           1.888E-07
3.627E-07
     530
                                                                         0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
     531
                             0.000E+00
                                            0.000E+00
                                                           4.352E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
     532
              3.612E-06
4.282E-06
5.077E-06
                                                          5.215E-07
6.206E-07
7.425E-07
9.165E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
     533
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
     534
                                                                                                       0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
     535
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
               6.230E-06
                             0 000E+00
                                            0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                           1.158E-06
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                            0.000E+00
              7.741E-06
2.576E-05
                             0.000E+00
     537
                                                                                                       0.000E+00
                                                           4.216E-06
3.792E-06
3.291E-06
                                                                         0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
     538
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
              2.353E-05
2.093E-05
                             0.000E+00
                                            0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
     540
              1.163E-05
7.816E-06
                                                           1.827E-06
1.250E-06
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0 000E+00
     541
                                                                                                                      0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
     542
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           9.285E-07
                                                                          0.000E+00
              5.825E-06
     543
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                          0.000E+00
     544
                             0.000E+00
                                            0.000E+00
                                                           6.933E-07
                                                           5.408E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                          0.000E+00
              3.383E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
0.000E+00
                                            0.000E+00
                                                           4.376E-07
                                                                          0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
     546
              2.736E-06
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                           3.686E-07
3.221E-07
     547
               2.310E-06
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              2.020E-06
                             0.000E+00
                                            0.000E+00
     548
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                           2.880E-07
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                            0.000E+00
              1.809E-06
                             0.000E+00
     549
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                        0.000E+00
               1.643E-06
                             0.000E+00
                                            0.000E+00
                                                           2.613E-07
                                                                          0.000E+00
     550
                                                           2.398E-07
2.218E-07
                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                                   0.000E+00
                                                                                        0.000E+00
               1.509E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
                                            0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
              1.397E-06
                             0.000E+00
     552
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                       0.000E+00
                                                                                        0.000E+00
               1.302E-06
                             0.000E+00
                                            0.000E+00
                                                           2.063E-07
                                                                          0.000E+00
     553
                                                           1.928E-07
3.200E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                          0.000E+00
               1.219E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                                                                     0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
                             0.000E+00
     555
              2.237E-06
2.650E-06
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                            0.000E+00
                                                           3.818E-07
                                                                          0.000E+00
                                                                                        0.000E+00
                             0.000E+00
     556
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
                                                                          0.000E+00
              3.228E-06
                                                           4.667E-07
5.603E-07
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
              3.864E-06
4.747E-06
     558
                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                            0.000E+00
                                                           6.894E-07
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
     559
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                           8.718E-07
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                          0.000E+00
              5.945E-06
                             0.000E+00
                                            0.000E+00
     560
                                                           1.604E-06
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                   0.000E+00
              1.062E-05
                                                                          0.000E+00
                                                                                        0.000E+00
                             0.000E+00
                                            0 000E+00
                                                                                                                                     0 000E+00
                                                                                                                                                    0.000E+00
                                                           2.741E-06
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
               1 763E-05
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 150
                                                                                                                                                    Page - 150
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                    0.000E+00
              4.903E-05
6.107E-05
5.440E-05
                                            0.000E+00
                                                           7.964E-06
                             0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           9.158E-06
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                             0.000E+00
     564
                                                           7.959E-06
1.825E-06
                                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
     565
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              1.153E-05
7.308E-06
5.080E-06
                             0.000E+00
                                            0.000E+00
     566
                                                                                                                      0.000E+00
                                            0.000E+00
                                                           1.165E-06
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0 000E+00
                             0.000E+00
     567
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           8 129E-07
                                                                          0.000E+00
     568
                                                           6.071E-07
                                                                                         0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                                       0.000E+00
               3.785E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                                     0.000E+00
                                                           4.908E-07
                                                                          0.000E+00
                                                                                        0.000E+00
                                                                                                       0.00E+00
                                                                                                                      0.000E+00
                                            0.000E+00
                             0.000E+00
     570
              3.066E-06
2.616E-06
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                             0.000E+00
                                                           4.181E-07
3.678E-07
     571
                                            0.000E+00
                                                                          0.000E+00
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
               2.303E-06
                             0.000E+00
                                            0-000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           3.279E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.000E+00
                             0.000E+00
     573
               2.054E-06
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
               1.858E-06
                             0.000E+00
                                            0.000E+00
                                                           2.961E-07
                                                                          0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
     574
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
               1.689E-06
                             0.000E+00
                                            0 000E+00
                                                           2.686E-07
                                                                                                                                                    0 000E+00
                                            0.000E+00
                                                           2.437E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              1.536E-06
                             0.000E+00
     576
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
0.000E+00
               1.393E-06
                                            0.000E+00
                                                           2.208E-07
                                                                          0:000E+00
                                                                                                       0 000E+00
     577
                             0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                        0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           2.000E-07
                                                                          0.000E+00
               1.264E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                            0.000E+00
                                                           1.814E-07
               1.148E-06
                             0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                      0.000E+00
               1.878E-06
                                            0.000E+00
                                                           2.671E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0 000E+00
                             0.000E+00
     580
                                                                                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                           3.159E-07
3.738E-07
                                                                                         0.000E+00
     581
               2.232E-06
                             0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
              2.629E-06
3.175E-06
                                            0.000E+00
     582
                             0.000E+00
                                                                                                                                                    0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           4.570E-07
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
     583
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
               4.079E-06
                             0.000E+00
                                            0-000E+00
                                                           5.917E-07
                                                                          0.000E+00
                                                           7.771E-07
                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
```

0.000E+00

5 339E-06

```
0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                         1.566E-06
                                                                       0.000E+00
             1.048E-05
                            0.000E+00
                                          0.000E+00
    586
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                            0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                        2.769E-06
                                                                       0.000E+00
                                                                                     0.000E+00
              1.791E-05
    587
                                                                                                                                0.000E+00
                                                        7.666E-06
                                                                                     0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
              5 134E-05
    588
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
              1.197E-05
                            0.000E+00
                                          0-000E+00
                                                         1.849E-06
    589
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0,000E+00
                                                                                                                                               0.000E+00
                                                         9.537E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                          0.000E+00
    590
              5.910E-06
                            0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                 0.000E+00
                                                         7.157E-07
                                                                       0 000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
              4.449E-06
    591
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
0.000E+00
                                                         5.804E-07
              3.613E-06
                                          0.000E+00
    592
                                                         4.883E-07
                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                          0.000E+00
                                                                       0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
    593
             3 046E-06
                                                                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
              2.618E-06
                            0.000E+00
                                          0.000E+00
                                                         4.183E-07
3.615E-07
                                                                       0.000E+00
0.000E+00
    594
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              2.269E-06
                            0.000E+00
                                          0.000E+00
    595
                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         3.137E-07
                                                                       0.000E+00
                                                                                                                  0.000E+00
    596
                            0.000E+00
                                          0.000E+00
             1.972E-06
1.723E-06
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         2.736E-07
                                                                       0.000E+00
    597
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              1.517E-06
1.345E-06
1.207E-06
                                                                       0.000E+00
                                                         2 405E-07
                            0.000E+00
                                          0.000E+00
    598
                                                         2.132E-07
                                                                       0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0 000E+00
                                                                                                                                               0.000E+00
                                           0.000E+00
                            0.000E+00
    599
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                            0.000E+00
                                                         1.912E-07
1.726E-07
                                                                       0.000E+00
0.000E+00
                                           0.000E+00
    600
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              1.090E-06
                            0.000E+00
                                          0.000E+00
    601
                                                         1.577E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                          0.000E+00
                            0-000E+00
              9.952E-07
    602
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         2.262E-07
2.636E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
                                          0.000E+00
              1.558E-06
    603
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
              1.818E-06
                            0.000E+00
                                          0 000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                         3.191E-07
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
                                          0.000E+00
    605
              2.208E-06
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         3.900E-07
4.875E-07
                                                                       0.000E+00
0.000E+00
                            0.000E+00
                                           0.000E+00
              2.707E-06
    606
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
    607
              3.407E-06
                            0.000E+00
                                          0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                           0.000E+00
                                                         6.406E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
              4.474E-06
6.335E-06
    608
                                                                                     0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
                                          0.000E+00
                                                         9.206E-07
    609
                                                         2.375E-06
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              1.480E-05
                                           0.000E+00
                            0 000E+00
    610
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         1.232E-06
                                                                                     0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
                                           0.000E+00
              7.644E-06
5.315E-06
    611
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
0.000E+00
                                                         8.531E-07
6.546E-07
                            0.000E+00
                                          0.000E+00
    612
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                           0.000E+00
              4.094E-06
                            0.000E+00
                                                                                                                                               0.000E+00
                                                         5.210E-07
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                          0.000E+00
                            0.000E+00
              3.266E-06
                                                                                                  OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                                                                Page -
                                                                                                                                                         151
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                      Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                      11/07/95
                                                                                                                                   09:51:16
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0 000E+00
                                                                                      0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         4.248E-07
                .665E-06
              2.239E-06
1.919E-06
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                         3.568E-07
3.060E-07
2.684E-07
                                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
    616
617
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
              1.683E-06
                            0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                                                    0.000E+00
              1.501E-06
                            0.000E+00
                                                         2.395E-07
                                                                       0.000E+00
                                                                                      0.000E+00
    619
620
                                                         2.168E-07
1.983E-07
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                           0.000E+00
0.000E+00
                                                                       0.000E+00
              1.359E-06
                            0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0 000E+00
                            0.000E+00
    621
              1.244E-06
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                                                                    0.000E+00
              1.146E-06
                            0.000E+00
                                           0.000E+00
                                                         1.827E-07
                                                                       0.000E+00
    622
                                                                                                                                               0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                         1.699E-07
1.623E-07
    623
                            0.000E+00
                                           0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
              1.023E-06
                            0.000E+00
                                                         2.028E-07
2.250E-07
2.530E-07
2.965E-07
3.696E-07
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                           0.000E+00
                                                                       0 000E+00
              1.412E-06
                            0.000E+00
    625
                                                                                                                                               0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
              1.565E-06
1.753E-06
                            0.000E+00
                                           0.000E+00
    626
                                                                                                                                 0.000E+00
                                           0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                            0-000E+00
    627
                                                                                                                  0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              2.043E-06
                                           0.000E+00
                                                                       n 000E+00
                            0.000E+00
    628
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E100
              2.538E-06
                            0.000E+00
                                           0.000E+00
    629
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                         4.967E-07
                                                                       0,000E+00
                                                                                      0.000E+00
                                                                                                    0,000E+00
                            0.000E+00
                                           0.000E+00
    630
              3.407E-06
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                         7.183E-07
1.190E-06
              4.921E-06
                                           0.000E+00
                                                                       0.000E+00
                            0.000E+00
    631
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
    632
              8.144E-06
                            0.000E+00
                                           0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                           0.000E+00
                                                         1.559E-06
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
              9.561E-06
5.925E-06
                            0.000E+00
    633
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                           0.000E+00
                                                         9.586E-07
7.078E-07
                                                                       0.000E+00
                            0.000E+00
    634
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
0.000E+00
    635
              4.395E-06
                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                           0.000E+00
                                                         5.565E-07
                                                                       0.000E+00
    636
              3.469E-06
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              2.854E-06
                            0.000E+00
                                           0.000E+00
                                                         4.566E-07
                                                                       0.000E+00
    637
                                                         3.885E-07
                                                                                                                                               0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
              2.431E-06
                            0.000E+00
0.000E+00
                                           0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                           0.000E+00
                                                         3.364E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0 000E+00
     639
              2.108E-06
                                                                                                                                               0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
              1.852E-06
                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         2.949E-07
    640
                                                         2.618E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
              1.647E-06
                            0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         2.353E-07
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0,000E+00
                            0.000E+00
                                           0.000E+00
              1.482E-06
1.345E-06
    642
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         2.132E-07
1.947E-07
1.788E-07
                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
    643
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              1.229E-06
                            0.000E+00
                                           0.000E+00
     644
                                                                                                                                               0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                           0.000E+00
                            0.000E+00
              1.130E-06
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.657E-07
                                                                       0.000E+00
                                                                                      0.000E+00
              1.048E-06
9.745E-07
     646
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                      0.000E+00
                            0.000E+00
                                           0.000E+00
                                                         1.539E-07
                                                                       0.000E+00
    647
                                                                                                                  0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         1.669E-07
                                                                       0.000E+00
              1.158E-06
                            0.000E+00
                                           0 000E+00
     648
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         1.871E-07
                                                                       0.000E+00
                                                                                      0 000E+00
                                                                                                    0 000E+00
                            0.000E+00
                                           0.000E+00
              1.295E-06
     649
                                                         2.129E-07
2.472E-07
2.993E-07
3.726E-07
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
              1.467E-06
1.695E-06
                            0.000E+00
                                           0.000E+00
                                                                       0.000E+00
    650
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
                                           0 000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
                                           0.000E+00
              2.042E-06
2.529E-06
     652
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                                       0.000E+00
                            0.000E+00
                                           0.000E+00
     653
                                                                                                                                               0.000E+00
0.000E+00
                                                         4.979E-07
7.612E-07
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                        0.000E+00
              3.366E-06
                            0.000E+00
                                           0.000E+00
              5.104E-06
2.012E-05
                            0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
    655
656
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         3.188E-06
2.072E-06
                                                                        0 000E+00
                            0.000E+00
                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0 000E+00
                                                                                                                  0.000E+00
     657
              1.274E-05
                            0.000E+00
                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                         1.235E-06
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                            0.000E+00
                                           0.000E+00
     658
              7.586E-06
5.062E-06
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                               0.000E+00
                                                         8.191E-07
                                           0.000E+00
                                                                        0.000E+00
                            0.000E+00
     659
                                                                                                                                               0.000E+00
0.000E+00
                                                         6.024E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                           0.000E+00
              3.753E-06
                            0.000E+00
     660
                                                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                         4.744E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0 000E+00
                                           0.000E+00
                            0.000E+00
     661
              2.972E-06
                                                                                      0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
              2.454E-06
                                           0.000E+00
                                                         3.905E-07
3.330E-07
                                                                        0.000E+00
                            0.000E+00
     662
                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                        0.000E+00
                                                                                                     0.000E+00
              2.098E-06
                            0.000E+00
                                           0.000E+00
     663
                                                                                                                                                0.000E+00
                                                                                                                                 0.000E+00
                                                         3.048E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                  0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
     664
              1.945E-06
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                      0.000E+00
              1.668E-06
                                           0.000E+00
                                                         2.622E-07
                                                                        0.000E+00
     665
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                         2.265E-07
                                                                        0.000E+00
              1.433E-06
                            0.000E+00
                                           0.000E+00
                                                                                                   OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                              VERS, 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                       Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                      11/07/95
                                                                                                                                    09:51:16
                                                                                                                                                Page -
                                                                                                                                                          152
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                        0.000E+00
                                                                                      0.000E+00
                             0.000E+00
                                           0.000E+00
                                                          2.038E-07
              1.291E-06
     667
                                                                                                                                                0.000E+00
0.000E+00
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0,000E+00
                                                                                                                                 0.000E+00
                                                                                      0.000E+00
              1.172E-06
1.072E-06
9.897E-07
                             0.000E+00
                                           0.000E+00
0.000E+00
                                                         1.847E-07
     668
                                                          1.688E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
     669
                             0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
0.000E+00
                                           0.000E+00
                                                          1.557E-07
                                                                        0.000E+00
                                                                                                     0.000E+00
                             0.000E+00
    670
671
                                                                        0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                                0.000E+00
              9.197E-07
                             0.000E+00
                                           0.000E+00
                                                         1.445E-07
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                0.000E+00
                                                          1.348E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                            0.000E+00
0.000E+00
                                           0.000E+00
    672
673
              8.587E-07
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                0.000E+00
              1.026E-06
                                           0.000E+00
                                                          1.490E-07
                                                                        0.000E+00
                                                                                      0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                     0.000E+00
                                                                                                                   0.000E+00
                                                                        0.000E+00
                             0.000E+00
                                           0.000E+00
                                                         1.669E-07
```

1.148E-06

```
1.901E-07
2.227E-07
2.672E-07
3.388E-07
              1.303E-06
1.512E-06
1.802E-06
                            0.000E+00
    675
                                                                                                     0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                           0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
    676
                                                                                                                    0.000E+00
                             0.000E+00
                                           0.000E \pm 0.0
                                                                        O CODE+CO
                                                                                       0.000E \pm 00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              2.299E-06
                                           0 000E+00
    678
                             0.000E+00
              3.089E-06
                             0.000E+00
                                            0.000E+D0
                                                          4.563E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    679
              4.182E-06
                             0.000E+00
                                           0.000E+00
                                                          6.236E-07
1.190E-06
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0 000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
0.000E+00
    680
                                                                        0.000E+00
                                                                                                                    0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
    681
              7.904E-06
                             0-000E+00
                                           0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
              1.544E-05
                             0.000E+00
                                            0.000E+00
                                                          2.250E-06
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    682
                                                                                                                                   0.000E+00
              1.632E-05
                                                          2.385E-06
2.274E-06
                                                                                                                    0 000E+00
                             0.000E+00
                                            0_000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.0002+00
              1.481E-05
9.299E-06
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                           0.000E+00
                             0.000E+00
    684
                                            0.000E+00
                                                          1.492E-06
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
    685
                             0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.052E-06
7.594E-07
                                                                                                                    0 000E+00
                                                                                                                                   0.000E+00
              6.531E-06
                             0.000E+00
                                           0 000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
                                                                        0.000E+00
              4.718E-06
                                                                                                                                                  0.000E+00
                                           0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
     687
                             0 - 000E + 00
                                                          5.686E-07
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
              3.536E-06
     688
              2.775E-06
2.308E-06
1.967E-06
     689
                             0.000E+00
0.000E+00
                                           0 000E+00
                                                          4.448E-07
3.690E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      D.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      D.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     690
                                                          3.139E-07
2.716E-07
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                            0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
    691
                             0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                        0.000E+00
              1.705E-06
                             0.000E+00
                                            0-000E+00
                                                          2.417E-07
2.151E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.519E-06
     693
     694
              1.353E-06
                             0.000E+00
                                            0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.0000+00
                                                                                                                    0.000E+00
                                                                                                                                   0 000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                          1.927E-07
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                        0.000E+00
              1.214E-06
                             0.000E+00
                                            0.000E+00
     695
                                                                                                      0.000E+00
              1.103E-06
1.008E-06
                             0.000E+00
                                                          1.748E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     696
                                                          1.595E-07
1.460E-07
                                                                                                                                   0 000E±00
                                                                                                                                                  0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
     697
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                                    0.000E+00
     698
              9.239E-07
                             0.000E+00
                                           0-000E+00
              8.513E-07
8.746E-07
                                                          1.342E-07
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
     699
                             0.000E+00
                                            0.000E+00
                                                          1.356E-07
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
     700
                                                          1.492E-07
1.715E-07
                                                                                                                                   0.000E+00
     701
                                                                        0.000E+00
              1.017E-06
                             0.000E+00
                                            0 000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              1.166E-06
     702
              1.383E-06
                             0.000E+00
                                            0.000E+00
                                                          2.021E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.0002+00
                                                                                                                                                  0.000E+00
0.000E+00
     703
                                                                                                                                   0.000E+00
                                                          2.345E-07
2.716E-07
                                                                                       0.000E+00
                                                                                                                     0.000E+00
     704
              1.613E-06
                             0.000E \pm 00
                                            0 - 000E + 00
                                                                                                                                   0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
              1.861E-06
                             0.000E+00
     705
                                                                                                                                                  0.000E+00
     706
              2.181E-06
                             0.000E+00
                                            0.000E+00
                                                          3.194E-07
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                          3.830E-07
5.519E-07
9.914E-07
1.514E-06
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
              2.577E-06
3.675E-06
                                                                        0.000E+00
     707
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.D00E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             0.000E+00
     708
                                                                                                                                   0.000E+00
              6.684E-06
                                                                        0.000E+00
0.000E+00
                                                                                                      0 000E+00
                                                                                                                     0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                             0.000E+00
                                            0.000E+00
     710
              1.032E-05
              1.162E-05
                             0.000E+00
                                            0.000E+00
                                                          1.729E-06
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     711
                                                                                                                                   0.000E+00
                                                          1.673E-06
1.223E-06
                                                                        0.000E+00
                                                                                                                                                  0.000E+00
               1.096E-05
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0 000E+00
                                                                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     713
               7.790E-06
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                                          9.234E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
               5.810E-06
                                            0.000E+00
     714
                                                                                                                                                  0.000E+00
0.000E+00
                                                          7.016E-07
5.581E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
               4.403E-06
                             0.000E+00
                                            0.000E+00
                                                                                                      0 000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
              3.476E-06
2.705E-06
                                            0.000E+00
     716
                             0.000E+00
                             0.000E+00
                                                          4.341E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.0000+00
                                                                                                                                                  O. DDOE+OG
                                            0.000E+00
                                                                                                                                   0.000E+00
              2.228E-06
                             0.000E+00
                                            0.000E+00
                                                          3.559E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS,
                                                                                                    OUTPUT OF AMI/SBCAPCD ACE2588 MODEL
                                                                                                                                                VERS. 93288 *
                                                                       1991 MET
                                                       Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        11/07/95
                                                                                                                                     09:51:16
                                                                                                                                                            153
 nput File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                   Page -
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                       0.000E+00
                                                                                                                                                  0.000E + 00
                                            0.000E+00
                                                                         0.000E+00
               1.864E-06
                             0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                          2.580E-07
2.293E-07
2.048E-07
                                                                                       0.000E+00
0.000E+00
     720
721
              1.624E-06
1.446E-06
                             0.000E+00
                                            0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                     0,000E+00
                                                                                                                                   0.000E+00
     722
               1.294E-06
                             0.000E+00
                                            0.000E+D0
                                                                         0.000E+00
                                                                                       0 000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.857E-07
1.710E-07
     723
               1.174E-06
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
     724
               1.081E-06
                                                                                                                                   Q.000E+00
                                                          1.580E-07
     725
               9.981E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0 000E+00
                                                                                                                                                  0 DDDT+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          1.466E-07
1.356E-07
                                                                                       0.000E+00
     726
               9.255E-07
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
                                                                         0.000E+00
              8.560E-07
                             0.000E+00
     727
               7.921E-07
                                            0.000E+00
                                                          1.255E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     728
                             0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
0.000E+00
                                                          1.691E-07
1.861E-07
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
     729
               1.167E-06
                             0.000E+00
                                            0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                            0.0005+00
     730
              1.283E-06
                             0.000E+00
               1.396E-06
                             0.000E+00
                                            0.000E+00
                                                          2.026E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     731
                                                          2.233E-07
2.390E-07
2.746E-07
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
     732
                             0,000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0_000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     733
               1.641E-06
                             0.000E+00
0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
     734
               1.861E-06
     735
               2.282E-06
                             0.000E+00
                                            0.000E+00
                                                          3.403E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                          5.373E-07
8.640E-07
                                                                         0.000E+00
                                                                                       0.000E+00
     736
               3.627E-06
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                  0.000E+00
                                            0.000E+00
               5.827E-06
     737
               7.934E-06
                             0.000E+00
                                            0.000E+00
                                                          1,171E-06
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     738
                                                                                                      0.000E+00
                                                          1.296E-06
1.309E-06
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     739
               8.634E-06
                             0.000E+00
                                            0 000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0,000E+00
     740
               8.671E-06
                                                                                                                                   0.000E+00
              6.709E-06
                                                          1.040E-06
     741
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                       0.000E+00
               6.348E-06
                             0.000E+00
                                            0.000E+00
                                                          9.697E-07
                                                                         0.000E+00
                                                          6.970E-07
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     743
              4.470E-06
3.273E-06
                             0.000E+00
                                            0 000E+00
                                                                                                                                   0.000E+00
0.000E+00
                             0.000E+00
                                            0.000E+00
                                                          5,198E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                                  0.000E+00
                                                          4.334E-07
3.527E-07
2.955E-07
              2.722E-06
2.200E-06
                                                                                       0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                  0,000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                             0.000E+00
     746
              1.843E-06
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
     747
                                                                                                                                                  0.000E+00
                                                                                                                                   0.000E+00
              1.593E-06
1.388E-06
1.238E-06
                                                          2.538E-07
2.199E-07
                                                                                                                     0.000E+00
                             0,000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                         0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                            0 000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                             0.000E+00
     73ő
                             0.000E+00
                                            0.000E+00
                                                          1,958E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                     0.000E+00
               1.124E-06
                             0.000E+00
                                            0,000E+00
                                                          1.775E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
              1.025E-06
                                                          1.616E-07
1.490E-07
     752
753
                             0.000E+00
                                            0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
               9.474E-07
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
     754
               8.915E-07
                             0.000E+00
                                            0.000E+00
                                                          1,400E-07
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
              9.036E-07
7.964E-07
                                                          1.405E-07
1.252E-07
     755
756
                             0.000E+00
                                            0.000E+00
                                            0,000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
                                                                                                                                                  0.000E+00
              1.168E-06
1.248E-06
                             0.000E+00
                                            0.000E+00
                                                          1.689E-07
1.804E-07
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                        0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                      0.000E+00
     758
                             0 000E+00
                                            0.000E+00
                                                          1.829E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     759
               1.266E-06
                             0.000E+00
                                            0.000E+00
               1.313E-06
                             0.000E+00
                                            0.000E+00
                                                          1.908E-07
2.119E-07
                                                                         0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     760
                                                                                                                                    0.000E+00
                                                                                                                                                  0.000E+00
                                                                         0.000E+00
                                                                                                      0.00DE:00
                                                                                                                     0.000E+00
              1.449E-06
1.675E-06
     761
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                          2.480E-07
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.0002+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                             0.000E+00
     762
                                                                                                                                                  0.000E+00
     763
               2.438E-06
                             0.000E+00
                                            0.000E+00
                                                          3.613E-07
                                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.0002+00
                                                                                                                                   0.000E+00
              3.436E-06
5.126E-06
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     764
765
                                                          5.080E-07
7.590E-07
                             0.000E+00
                                            0.000E+00
                             0.000E+00
                                            0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
               6.571E-06
                             0,000E+00
                                            0.000E+00
                                                          9.715E-07
                                                                         0.000E+00
                                                                                        0 nnne+on
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
     766
                                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
               6-871E-06
                             0.000E+00
                                            0.000E+00
                                                          1.033E-06
                                                                         0.000E+00
```

n-nnne+oo

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
                                                           1.036E-06
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
              6.842E-06
6.431E-06
                             0.000E+00
0.000E+00
    768
769
                                                           9.828E-07
                                                                                                       0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                            0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
     770
               5.987E-06
                             0.000E+00
                                            0 000E+00
                                                           9.164E-07
                                                                          0.000E+00
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 154
    DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                     TSP
                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
   ut File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                       0.000E+00
                                            0.000E+00
                                                           9.011E-07
                                                                                                                                                    0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                          0.000E+00
                                                                                         0 000E+00
                                                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
                                                           6.046E-07
4.941E-07
                                                                          0.000E+00
                             0.000E+00
     772
               3.883E-06
                             0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
    773
774
              3.157E-06
               2.635E-06
                                                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                            0.000E+00
                                                           4.164E-07
                                                                          0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
0.000E+00
                                                           3.526E-07
                                                                          0.000E+00
               2.219E-06
                             0.000E+00
                                                           2.983E-07
2.540E-07
2.217E-07
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.877E-06
                             0.000E+00
                                                                          0.000E+00
    776
777
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                       0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
               1.594E-06
                             0.000E+00
                                            0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.387E-06
                             0.000E+00
                                            0.000E+00
                                            0.000E+00
                                                           1.945E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.222E-06
                             0.000E+00
     779
                                                                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           1.734E-07
1.579E-07
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
               1.096E-06
                             0.000E+00
                                            0.000E+00
     780
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
              1.003E-06
9.178E-07
8.563E-07
                                            0.000E+00
                             0.000E+00
                             0.000E+00
                                            0.000E+00
                                                           1.442E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     782
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     783
                             0.000E+00
                                            0.000E+00
                                                           1.341E-07
1.425E-07
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               9.308E-07
7.431E-07
                                            0.000E+00
                             0.000E+00
     784
                                                                                                       0.000E+00
0.000E+00
                             0.000E+00
                                                           1.163E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
     785
                                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                           1.562E-07
1.561E-07
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
     786
               1.084E-06
                             0.000E+00
                                            0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                            0.000E+00
     787
               1.077E-06
                             0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
               1.071E-06
                                                           1.553E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                             0.000E+00
                                            0.000E+00
     788
                                                                                                                                      0.000E+00
                                                                                         0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
               1.201E-06
                              0.000E+00
                                            0.000E+00
                                                           1.744E-07
1.965E-07
                                                                          0.000E+00
0.000E+00
     789
                                                                                                                                      0.000E+00
0.000E+00
                                            0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
               1.336E-06
1.780E-06
     790
                             0 000E+00
                                                                                                                                                     0.000E+00
                             0.000E+00
                                             0.000E+00
                                                           2.629E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     791
                                                                                                                                      0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                           3.554E-07
4.872E-07
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
                              0.000E+00
                                            0.000E+00
                                                                          0.000E+00
0.000E+00
     792
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
     793
               3.298E-06
                             0 000E+00
                                            0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
                                                           6.884E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
               4.670E-06
                                             0.000E+00
     794
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                         0.000E+00
                                            0.000E+00
                                                           8.205E-07
               5.543E-06
                              0.000E+00
                                                                          0.000E+00
                                                           8.513E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               5.664E-06
5.549E-06
5.332E-06
     796
797
                                            0.000E+00
                             0 000E+00
                              0.000E+00
                                                            8.412E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                             0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                           8.108E-07
7.703E-07
                                                                          0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                              0.000E+00
     799
               5.032E-06
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               4.460E-06
                              0.000E+00
                                             0.000E+00
                                                            6.846E-07
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     800
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           5.711E-07
4.714E-07
                                                                          0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
     801
               3.703E-06
                              0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
     802
               3.045E-06
                              0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
               2.548E-06
                              0.000E+00
                                             0.000E+00
                                                           3.976E-07
                                                                          0.000E+00
                                                                                         0.000E+00
     803
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                           3.465E-07
2.968E-07
                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
               2.207E-06
                              0.000E+00
                                            0.000E+00
     804
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                            0.000E+00
     805
               1.874E-06
                              0 000E+00
               1.610E-06
                                             0.000E+00
                                                            2.558E-07
                                                                          0.000E+00
0.000E+00
                                                                                         0 000E+00
                                                                                                        0 000E+00
                                                                                                                       0.000E+00
                              0.000E+00
     806
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
               1.396E-06
                              0.000E+00
                                             0 000E+00
                                                           2.213E-07
     807
                                                            1.974E-07
                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                             0.000E+00
                              0.000E+00
     ANA
               1.244E-06
                                                                          0.000E+00
0.000E+00
                                                                                                        0.000E+00
               1.099E-06
                              0.000E+00
                                             0.000E+00
                                                            1.748E-07
                                                                                         0 000E+00
     809
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                          0.000E+00
                                                           1.562E-07
     810
               9.841E-07
                              0.000E+00
                                             0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                             0.000E+00
                                                            1,431E-07
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        U.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
     811
               9.050E-07
                                                                                                                       0.000E+00
0.000E+00
                                                                          0,000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
               8.386E-07
7.765E-07
                                             0.000E+00
                                                            1.320E-07
                                                                                         0.000E+00
                              0.000E+00
     812
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                            1.217E-07
                                                                                         0.000E+00
                              0.000E+00
                                             0 000E100
                                             0.000E+00
                                                            1.120E-07
                                                                           0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                              0.000E+00
     814
               7.167E-07
    ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:
               0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                          0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                                                                                                                                     0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                           11/07/95
                                                                                                                                        09:51:16
                                                                                                                                                      Page -
```

*** PREDICTED ANNUAL CONCENTRATIONS (ug/m3) FROM ALL SOURCES ***

RECEPTOR	Zn	NTXPM
1 2	0.000E+00 0.000E+00 0.000E+00	4.256E-01 4.455E-01 4.430E-01
1 2 3 4 5 6 7	0.000E+00 0.000E+00 0.000E+00 0.000E+00	7.087E-01 7.051E-01 6.368E-01 4.974E-01
8 9 10 11	0.000E+00 0.000E+00 0.000E+00 0.000E+00	5.153E-01 5.372E-01 8.621E-01 2.538E-01
12 13 14 15	0.000E+00 0.000E+00 0.000E+00	1.051E+00 7.463E-01 7.590E-01 7.605E-01
16 17 18 19	0.000E+00 0.000E+00 0.000E+00 0.000E+00	8.661E-01 2.966E-01 4.918E-01 5.340E-01 7.004E-01
20 21 22 23 24	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	3.971E-01 3.825E-01 3.648E-01 3.446E-01
25 26	0.000E+00 0.000E+00	3.218E-01 3.694E-01

```
3.474E-01
3.149E-01
         27
28
29
                     0.000E+00
0.000E+00
                                           3.439E-01
3.710E-01
                     0.000E+00
         30
31
32
                     0.000E+00
0.000E+00
                                           4.003E-01
                     0.000E+00
                                           4.364E-01
         33
34
                     0.000E+00
0.000E+00
                                           4.042E-01
3.654E-01
                                           4.598E-01
5.743E-01
8.540E-01
         35
                     0.000E+00
                     0.000E+00
0.000E+00
         36
         37
                     0.000E+00
                                           8.213E-01
                                           7.894E-01
8.297E-01
9.732E-01
                     0.000E+00
0.000E+00
         39
         40
                     0.000E+00
                     0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 156
                     0.000E+00
                                           8.206E-01
         44
                     0.000E+00
0.000E+00
                                           6.175E-01
5.274E-01
                     0.000E+00
0.000E+00
0.000E+00
                                           8.240E-01
                                          1.034E+00
1.130E+00
1.107E+00
1.086E+00
         47
48
                     0.000E+00
0.000E+00
0.000E+00
         50
51
                                           1.070E+00
         52
53
54
                                           1.020E+00
9.505E-01
7.967E-01
                     0.000E+00
                     0.000E+00
0.000E+00
         55
56
57
                     0.000E+00
0.000E+00
0.000E+00
                                           6,905E-01
                                           6.127E-01
5.495E-01
5.007E-01
         58
59
60
                     0.000E+00
                                          5.007E-01
4.905E-01
5.302E-01
5.262E-01
5.796E-01
6.455E-01
7.313E-01
8.518E-01
9.561E-01
                     0.000E+00
0.000E+00
         61
62
                     0.000E+00
                     0.000E+00
         63
64
65
                     0.000E+00
                     0.000E+00
0.000E+00
         66
                     0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
                                           1.145E+00
1.432E+00
1.957E+00
         67
         68
         70
71
72
                                           2.630E+00
2.191E+00
1.485E+00
                     0.000E+00
0.000E+00
                     0.000E+00
         73
74
                     0.000E+00
0.000E+00
                                           1,250E+00
                                           1.041E+00
                     0.000E+00
                                           1.307E+00
1.324E+00
         76
77
                     0.000E+00
0.000E+00
                                           1.725E+00
                     0.000E+00
                                           1.664E+00
         79
80
                     0.000E+00
0.000E+00
                                           1.295E+00
                                           1.003E+00
7.847E-01
         81
82
83
84
                     0.000E+00
                                           6.200E-01
7.528E-01
                     0,000E+00
                     0.000E+00
0.000E+00
                                           8.137E-01
7.442E-01
8.451E-01
                     0.000E+00
0.000E+00
0.000E+00
         85
         86
                                           8.447E-01
9.930E-01
7.719E-01
8.707E-01
         87
                     0.000E+00
                     0.000E+00
0.000E+00
         89
90
                                           1,104E+00
1,112E+00
1,156E+00
         91
                     0.000E+00
                     0.000E+00
0.000E+00
         92
         93
         94
                     0.000E+00
                                           1.207E+00
                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
T 11/07/95 09:51:16 Page - 157
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET. TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                     0,000E+00
                                           1.276E+00
1.507E+00
1.882E+00
         96
                     0.000E+00
         97
98
                     0.000E+00
0.000E+00
                                           2.364E+00
2.379E+00
1.898E+00
                     0.000E+00
       100
                     0.000E+00
0.000E+00
       101
       102
                     0.000E+00
                                           1.495E+00
                                           1.474E+00
1.364E+00
       103
                     0.000E+00
                     0.000E+00
0.000E+00
       104
                                           1.276E+00
1.251E+00
       105
       106
                     0.000E+00
                     0.000E+00
0.000E+00
                                           1.226E+00
       107
                                           2.301E+00
       108
                     0.000E+00
0.000E+00
       109
                                           1.814E+00
                                           1.499E+00
       110
                                           1.727E+00
2.191E+00
2.574E+00
       111
112
                     0.000E+00
                     0.000E+00
0.000E+00
       113
                     0.000E+00
                                           4.590E+00
                     0.000E+00
                                           3.260E+00
```

```
0.000E+00
0.000E+00
                                   2.160E+00
2.789E+00
     116
117
                                   4.862E+00
2.171E+00
                 0.000E+00
                 0.000E+00
     119
                                   2.134E+00
2.506E+00
2.668E+00
      120
                 0.000E+00
      121
                 0.000E100
      122
                 0.000E+00
                                   4.251E+00
3.740E+00
5.215E+00
7.891E+00
      123
                 0.000E+00
      124
                 0.000E+00
                 0.000E+00
0.000E+00
      125
      126
      127
                 0.000E+00
                                   8.751E+00
                                   6.645E+00
4.071E+00
                 0.000E+00
0.000E+00
     128
129
      130
                 0.000E+00
0.000E+00
                                   3.458E+00
3.801E+00
      131
      132
                 0.000E+00
                                   7.401E+00
                                   1.015E+01
1.111E+01
5.408E+00
      133
                 0.000E+00
                 0.000E+00
0.000E+00
      134
135
                                   3.492E+00
3.704E+00
3.436E+00
      136
                 0.000E+00
                 0.000E+00
      137
                 0.000E+00
      139
                 0.000E+00
                                   4.054E+00
                                   3.619E+00
                 0.000E+00
      140
      141
                 0.000E+00
                                   3.893E+00
                 0.000E+00
0.000E+00
                                   2.688E+00
1.932E+00
      142
     143
                                   1.844E+00
1.564E+00
1.446E+00
                 0.000E+00
      145
                 0.000E+00
                 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 158
                                   1.348E+00
                 0.000E+00
                  0.000E+00
                                    1.274E+00
      148
                                   1.110E+00
9.723E-01
                  0.000E+00
      150
151
152
153
154
                 0.000E+00
                 0.000E+00
                                   1.020E+00
                                   1.080E+00
9.332E-01
                  0.000E+00
                 0.000E+00
0.000E+00
                                   8.334E-01
      155
                  0.000E+00
                                   7.568E-01
                 0.000E+00
0.000E+00
                                   8.362E-01
      156
                                    9.090E-01
      157
                 0.000E+00
0.000E+00
0.000E+00
                                   8,624E-01
8.228E-01
7.303E-01
      159
      160
                                   6.888E-01
7.617E-01
8.735E-01
      161
                 0.000E+00
0.000E+00
      162
      163
                  0.000E+00
                 0.000E+00
0.000E+00
                                   1.082E+00
1.239E+00
      165
      166
                  0.000E+00
                                    1.155E+00
                                   9.074E-01
7.064E-01
      167
                  0.000E+00
                 0.000E+00
      168
      169
                  0.000E+00
                                    5.924E-01
                                    6.121E-01
      170
                  0.000E+00
                                    6.387E-01
      171
172
                  0.000E+00
                  0.000E+00
                                    6.468E-01
                                   6.399E-01
7.620E-01
9.152E-01
      173
                  0.000E+00
      174
175
                 0.000E+00
0.000E+00
                                   1.188E+00
1.355E+00
1.248E+00
      176
                  0.000E+00
                  0.000E+00
                 0.000E+00
0.000E+00
      178
179
                                    1.385E+00
                                    1.656E+00
1.824E+00
      180
                  0.000E+00
                 0.000E+00
0.000E+00
      181
      182
                                    1.360E+00
                                    9.805E-01
      183
                  0.000E+00
                                    7.217E-01
                 0.000E+00
0.000E+00
      184
                                    5.938E-01
      185
                                    6.131E-01
6.135E-01
      186
                  0.000E+00
                 0.000E+00
0.000E+00
      187
      188
                                    6.399E-01
5.586E-01
      189
                  0.000E+00
                  0.000E+00
0.000E+00
      190
                                    4.964E-01
      191
                                    4.434E-01
2.922E+00
2.677E+00
                  0.000E+00
      193
                  0.000E+00
0.000E+00
      194
                  0.000E+00
                                    2.548E+00
                                   2.492E+00
2.467E+00
      196
197
                 0.000E+00
0.000E+00
                  0.000E+00
                                    2.402E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Tnput File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                     11/07/95 09:51:16 Page -
                  0.000E+00
                                    2.363E+00
2.181E+00
2.033E+00
      200
                  0.000E+00
      201
202
                  0.000E+00
0.000E+00
      203
                  0.000E+00
                                    2.007E+00
      204
                  0.000E+00
                                    3.335E+00
```

```
3.052E+00
2.958E+00
2.963E+00
2.852E+00
              0.000E+00
0.000E+00
 205
206
  207
               0.000E+00
               0 000E+00
 208
                                  2.754E+00
2.818E+00
3.074E+00
               0.000E+00
209
               0.000E+00
 211
212
               0.000E+00
                                  2.456E+00
2.218E+00
2.238E+00
3.733E+00
               0.000E+00
  213
               0.000E+00
               0.000E+00
 214
215
               0.000E+00
                                  3.439E+00
3.451E+00
3.595E+00
  216
               0.000E+00
               0.000E+00
0.000E+00
 217
218
  219
               0.000E+00
0.000E+00
                                  3.429E+00
3.249E+00
  220
  221
               0.000E+00
                                   3.800E+00
                                  3.672E+00
2.721E+00
2.467E+00
2.709E+00
2.995E+00
               0.000E+00
0.000E+00
  222
  223
  224
               0.000E+00
               0.000E+00
0.000E+00
  225
  226
                                   2.816E+00
3.578E+00
               0.000E+00
0.000E+00
  228
                                   3,175E+00
  229
               0.000E+00
               0.000E+00
                                  3.129E+00
3.898E+00
               0.000E+00
0.000E+00
  231
  232
                                   3.822E+00
  233
               0.000E+00
                                   3.182E+00
                                  3.330E+00
5.127E+00
3.653E+00
  234
               0.000E+00
0.000E+00
  235
               0.000E+00
                                  3.688E+00
4.413E+00
4.043E+00
5.289E+00
 237
238
               0.000E+00
               0.000E+00
               0.000E+00
  240
               0.000E+00
  241
               0.000E+00
                                   4.654E+00
                                   6.048E+00
4.967E+00
5.711E+00
  242
               0.000E+00
  243
               0.000E+00
  244
               0.000E+00
                                   4,401E+00
1,882E-01
2,111E-01
               0.000E+00
  246
247
               0.000E+00
               0.000E+00
  248
               0.000E+00
                                  2.346E-01
2.152E-01
               0.000E+00
  249
               0.000E+00
                                   2.077E-01
  250
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 160
DEN QUEEN MINING - SOLENAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **
Lt File: g:\ace\CQ91\GQTPACE.DAT Output File: g:\ace\CQ91\GQTPACE.OUT
it File: g:\ace\GQ91\GQTPACE.DAT
                                   2.230E-01
2.277E-01
               0.000E+00
  252
               0.000E+00
                                   2.398E-01
2.364E-01
2.389E-01
  253
               0.000E+00
  254
               0.000E+00
               0.000E+00
  255
                                   2.418E-01
2.403E-01
2.324E-01
  256
               0.000E+00
               0.000E+00
  257
               0.000E+00
  258
               0.000E+00
0.000E+00
                                   2.174E-01
1.957E-01
1.775E-01
  259
  260
               0.000E+00
  261
                                   1.652E-01
1.667E-01
1.801E-01
               0.000E+00
0.000E+00
  263
               0.000E+00
  264
  265
               0.000E+00
                                   1.976E-01
                                   1.976E-U1
2.228E-01
2.415E-01
2.511E-01
2.458E-01
2.389E-01
2.367E-01
               0.000E+00
0.000E+00
  266
  267
               0.000E+00
  268
               0.000E+00
0.000E+00
  269
  270
  271
               0.000E+00
                                   2.113E-01
1.759E-01
1.526E-01
1.481E-01
1.643E-01
  272
               0.000E+00
               0.000E+00
0.000E+00
  273
274
  275
               0.000E+00
               0.000E+00
  276
  277
               0.000E+00
                                   1,784E-01
                                   1.907E-01
2.048E-01
2.226E-01
               0.000E+00
0.000E+00
0.000E+00
  279
  28Ó
                                   2.414E-01
2.552E-01
2.571E-01
  281
               0.000E+00
  282
               0.000E+00
0.000E+00
  283
  284
               0.000E+00
                                   2.664E-01
                                   2.686E-01
2.675E-01
               0.000E+00
0.000E+00
  285
  286
  287
               0.000E+00
                                   2.567E-01
2.370E-01
               0.000E+00
0.000E+00
  288
                                   2.110E-01
  289
               0.000E+00
                                   1,938E-01
  290
                                   1.849E-01
1.952E-01
  291
292
               0.000E+00
0.000E+00
  293
               0.000E+00
                                   2.134E-01
                                   2.334E-01
2.488E-01
2.571E-01
  294
295
               0.000E+00
0.000E+00
               0.000E+00
```

297

0.000E+00

2.524E-01

```
2.352E-01
2.183E-01
1.962E-01
1.770E-01
                   0.000E+00
      298
299
                    0.000E+00
       300
                    0.000E+00
                    0.000E+00
       301
      302
                    0.000E+00
                                     1.564E-01
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                    11/07/95
                                                                                                                                                                                      09:51:16 Page -
                    0.000E+00
                                       1.495E-01
1.611E-01
1.784E-01
                    0.000E+00
       304
                   0.000E+00
0.000E+00
0.000E+00
       305
       306
                                       1.973E-01
       307
                                       2.166E-01
2.349E-01
       308
                    0.000E+00
0.000E+00
       309
                    0.000E+00
                                       2.607E-01
       310
                    0.000E+00
0.000E+00
0.000E+00
                                       2.811E-01
       311
                                       2.889E-01
2.997E-01
       312
                                       3.019E-01
       314
                    0.000E+00
                                       3.019E-01
3.013E-01
2.857E-01
2.597E-01
2.319E-01
                    0.000E+00
0.000E+00
       315
                    0.000E+00
0.000E+00
0.000E+00
       317
       318
                                       2.154E-01
2.150E-01
2.333E-01
                    0.000E+00
0.000E+00
       320
       321
       322
                    0.000E+00
                                       2.534E-01
                    0.000E+00
0.000E+00
0.000E+00
                                       2.694E-01
2.750E-01
2.643E-01
       323
324
       325
                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       2.463E-01
2.228E-01
1.998E-01
1.754E-01
       326
327
       328
       329
       330
                                       1.556E-01
                                       1.408E-01
1.268E-01
       331
       332
       333
                                       1.517E-01
                    0.000E+00
0.000E+00
                                       1.708E-01
1.844E-01
       334
       335
                                       2.063E-01
2.311E-01
       336
                    0.000E+00
       337
                    0.000E+00
0.000E+00
                                        2.548E-01
       338
                    0.000E+00
                                        2.834E-01
       339
                    0.000E+00
0.000E+00
                                       3.113E-01
3.266E-01
       340
       341
       342
                    0.000E+00
                                        3.402E-01
                    0.000E+00
0.000E+00
0.000E+00
       343
                                       3.458E-01
                                        3.426E-01
       344
       345
                                        3.201E-01
                    0.000E+00
0.000E+00
0.000E+00
       346
                                       2.863E-01
2.599E-01
       347
                                       2.462E-01
2.590E-01
2.812E-01
       348
                    0.000E+00
0.000E+00
0.000E+00
       349
       350
                                        2.990E-01
       351
                    0.000E+00
0.000E+00
                                       3.044E-01
2.906E-01
       352
       353
                    0.000E+00
                                       2.645E-01
                                                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                    11/07/95 09:51:16 Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                    0.000E+00
0.000E+00
                                       2.360E-01
                                        2.090E-01
       356
                                       1.828E-01
       357
                    0.000E+00
                                       1.609E-01
1.441E-01
1.291E-01
1.173E-01
1.558E-01
1.747E-01
                    0.000E+00
0.000E+00
0.000E+00
       358
       359
       360
                    0.000E+00
0.000E+00
0.000E+00
       361
       362
       363
                                       1.965E-01
2.148E-01
       364
365
                    0.000E+00
0.000E+00
                    0.000E+00
                                        2.440E-01
       366
                                        2.761E-01
3.107E-01
3.451E-01
                    0.000E+00
0.000E+00
       367
       368
                    0.000E+00
       369
                    0.000E+00
0.000E+00
0.000E+00
                                        3.718E-01
3.895E-01
       370
       371
        372
                                        3.987E-01
                    0.000E+00
0.000E+00
0.000E+00
                                        3.920E-01
3.606E-01
3.229E-01
       373
       374
       375
                                        2.964E-01
2.953E-01
3.165E-01
       376
377
                    0.000E+00
0.000E+00
                     0.000E+00
       378
                    0.000E+00
0.000E+00
0.000E+00
                                        3.365E-01
3.431E-01
3.286E-01
       380
        381
                                        2.968E-01
2.608E-01
2.261E-01
        382
                     0.000E+00
                    0.000E+00
0.000E+00
       383
        384
        385
                     0.000E+00
                                        1.947E-01
```

1.705E-01

386

```
0.000E+00
                                      1.504E-01
      387
      388
                   0.000E+00
                                      1.336E-01
1.204E-01
      389
                   0.000E+00
0.000E+00
                                      1.084E-01
      390
                                      1.622E-01
1.795E-01
      391
                   0.000E+00
                   0.000E+00
0.000E+00
      392
      393
                                      2.030E-01
                   0.000E+00
0.000E+00
0.000E+00
                                      2.300E-01
2.590E-01
      394
      395
      396
                                      2.966E-01
                  0.000E+00
0.000E+00
                                      3.392E-01
3.875E-01
      397
      398
                   0.000E+00
                                      4.276E-01
                  0.000E+00
0.000E+00
0.000E+00
                                      4.532E-01
4.684E-01
      400
      401
      402
                                      4.562E-01
                                      4.132E-01
3.758E-01
3.521E-01
3.647E-01
                  0.000E+00
0.000E+00
      403
      404
                   0.000E+00
                   0.000E+00
      406
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                11/07/95 09:51:16 Page - 163
                                     3.867E-01
3.956E-01
3.771E-01
3.373E-01
2.930E-01
2.494E-01
2.127E-01
1.832E-01
                  0.000E+00
0.000E+00
0.000E+00
      4NA
      409
      410
                   0.000E+00
                  0.000E+00
0.000E+00
      411
412
                  0.000E+00
0.000E+00
      413
      414
                   0.000E+00
                                      1.590E-01
      415
                   0.000E+00
                                      1.404E-01
1.250E-01
                  0.000E+00
0.000E+00
      417
      418
                                      1.102E-01
                  0.000E+00
0.000E+00
                                      9.631E-02
                                      1.685E-01
      420
                                      1.685E-01
1.884E-01
2.126E-01
2.409E-01
2.740E-01
3.184E-01
3.704E-01
                   0.000E+00
      421
      422
                  0.000E+00
0.000E+00
      423
       424
                   0.000E+00
                  0.000E+00
0.000E+00
      425
426
                                      4.364E-01
4.972E-01
5.404E-01
                   0.000E+00
      428
429
                  0.000E+00
0.000E+00
                   0.000E+00
                                      5.633E-01
                  0.000E+00
0.000E+00
0.000E+00
                                      5.389E-01
4.893E-01
      431
      432
                                      4.491E-01
                  0.000E+00
0.000E+00
                                      4.378E-01
      434
                                      4.571E-01
      435
                   0.000E+00
                                      4.628E-01
       436
                  0.000E+00
0.000E+00
                                      4.424E-01
3.919E-01
       437
      438
                                      3.357E-01
2.790E-01
2.344E-01
       439
                   0.000E+00
      440
441
                  0.000E+00
0.000E+00
      442
                   0.000E+00
                                      1.975E-01
      443
                  0.000E+00
0.000E+00
                                      1.690E-01
1.483E-01
                   0.000E+00
                                      1.291E-01
                  0.000E+00
0.000E+00
                                      1.114E-01
9.636E-02
      446
      447
                   0.000E+00
                                      8.451E-02
       448
      449
                  0.000E+00
0.000E+00
                                      1.690E-01
1.940E-01
                   0.000E+00
                                      2.200E-01
                                      2.525E-01
2.945E-01
3.394E-01
      452
                   0.000E+00
                  0.000E+00
0.000E+00
      453
      454
      455
                   0.000E+00
                                      4.045E-01
                  0.000E+00
0.000E+00
                                      4.940E-01
5.889E-01
6.577E-01
      456
      457
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                11/07/95 09:51:16 Page -
                   0.000E+00
                                      6.986E-01
      460
                   0.000E+00
                                      6.572E-01
                                      6.058E-01
5.600E-01
      461
                  0.000E+00
0.000E+00
      462
                   0.000E+00
                                      5.584E-01
      463
                   0.000E+00
0.000E+00
0.000E+00
                                      5.584E-01
      464
                                      5.298E-01
      465
                                      4.649E-01
       466
                  0.000E+00
0.000E+00
0.000E+00
                                      3.918E-01
3.197E-01
2.619E-01
       467
       468
       469
      470
                   0.000E+00
                                      2.152E-01
                  0.000E+00
0.000E+00
0.000E+00
                                      1.826E-01
1.561E-01
      471
472
                                      1.326E-01
                                      1 133E-01
      474
```

```
8.722E-02
7.953E-02
      476
477
                   0.000E+00
                   D.000E+00
                   0.000E+00
                                       1.741E-01
      478
                                       1.980E-01
                   0.000E+00
      480
481
                   0.000E+00
                                       2.263E-01
                                       2.623E-01
                   0.000E+00
                   0.000E+00
0.000E+00
                                      3.076E-01
3.661E-01
      483
                                      4.453E-01
5.541E-01
7.185E-01
                   0.000E+00
      484
      485
                   0.000E+00
                   0.000E+00
      486
487
                   0.000E+00
                                       8.515E-01
                                      7.827E-01
7.287E-01
      488
                   0.000E+00
                   0.000E+00
      489
                                       7.145E-01
6.532E-01
      490
                   0.000E+00
      491
                   0.000E+00
                                       5.618E-01
                   0.000E+00
      492
                                       4.680E-01
3.719E-01
2.933E-01
      493
                   0.000E+00
      494
                   0.000E+00
0.000E+00
                   0.000E+00
                                       2.390E-01
      496
                   0.000E+00
0.000E+00
                                       1.984E-01
1.650E-01
      497
      498
                                       1.375E-01
1.174E-01
1.035E-01
                   0.000E+00
      500
                   0.000E+00
0.000E+00
      501
                                       9.366E-02
8.619E-02
       502
                   0.000E+00
                   0.000E+00
0.000E+00
      503
                                       8,034E-02
      504
                                       1.705E-01
1.990E-01
2.324E-01
                   0.000E+00
      506
507
                   0.000E+00
0.000E+00
                                       2.690E-01
3.218E-01
                   0.000E+00
       508
                   0.000E+00
0.000E+00
      509
      510
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                    * DUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                  11/07/95 09:51:16 Page -
                                      4.823E-01
6.141E-01
1.652E+00
1.055E+00
9.930E-01
                   0.000E+00
                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
      512
      513
      514
515
                                       8.768E-01
7.129E-01
5.736E-01
                   0.000E+00
                   0.000E+00
      517
                   0.000E+00
0.000E+00
0.000E+00
                                      4.396E-01
3.387E-01
2.695E-01
2.156E-01
1.753E-01
      519
520
      521
                   0.000E+00
      522
523
                   0.000E+00
0.000E+00
                   0.000E+00
                                       1,466E-01
       524
       525
                   0.000E+00
                                       1.265E-01
1.131E-01
1.029E-01
                   0.000E+00
0.000E+00
      526
527
                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       9.466E-02
8.777E-02
8.194E-02
       528
      529
       530
                                       1.553E-01
      531
                                      1.863E-01
2.232E-01
2.658E-01
3.184E-01
3.934E-01
                   0.000E+00
0.000E+00
      532
533
534
                   0.000E+00
                   0.000E+00
0.000E+00
      535
      536
                   0.000E+00
                                       4.981E-01
                                       1.838E+00
      538
539
                   0.000E+00
0.000E+00
                                       1.649E+00
                   0.000E+00
0.000E+00
0.000E+00
                                       1.427E+00
7.918E-01
5.429E-01
       540
      541
542
       543
                   0.000E+00
                                       4,032E-01
      544
545
                   0.000E+00
0.000E+00
                                       3.011E-01
2.350E-01
                   0.000E+00
                                       1.901E-01
                   0.000E+00
0.000E+00
                                       1.601E-01
1.399E-01
      547
      548
       549
                   0.000E+00
                                       1.251E-01
                   0.000E+00
0.000E+00
                                       1.134E-01
1.041E-01
      550
      551
      552
553
554
                   0,000E+00
                                       9.625E-02
                   0.000E+00
0.000E+00
                                       8.953E-02
8.364E-02
       555
                   0.000E+00
                                       1.367E-01
                                      1.634E-01
1.998E-01
2.400E-01
2.953E-01
      556
                   0.000E+00
                   0.000E+00
0.000E+00
      557
558
      559
                   0.000E+00
      560
561
                   0.000E+00
0.000E+00
                                       3.740E-01
6.914E-01
                   0.000E+00
LDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, ISP * OUTFUT OF AMI/3BCAFCD ACE2508 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 166
                   0.000E+00
                                       3.468E+00
      563
                   0.000E+00
                                      3.942E+00
```

```
565
566
567
                                       3.414E+00
7.916E-01
5.062E-01
                   0.000E+00
0.000E+00
                    0.000E+00
                   0.000E+00
0.000E+00
                                        3.532E-01
2.639E-01
       568
       569
                    0.000E+00
                                        2.133E-01
       571
                   0.000E+00
0.000E+00
                                        1.817E-01
1.598E-01
                                       1.424E-01
1.286E-01
                    0.000E+00
      574
575
                   0.000E+00
0.000E+00
                                       1.286E-01
1.166E-01
1.058E-01
9.583E-02
8.678E-02
                    0.000E+00
                   0.000E+00
0.000E+00
       577
       578
                   0.000E+00
0.000E+00
                                        7.871E-02
1.140E-01
       580
                                       1.348E-01
1.596E-01
1.955E-01
2.534E-01
       581
                   0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
       582
       583
       584
                   0.000E+00
0.000E+00
0.000E+00
                                       3.330E-01
6.737E-01
1.197E+00
       585
       586
       587
                                        3.298E+00
7.996E-01
4.149E-01
       588
                   0.000E+00
                   0.000E+00
       589
       590
                    0.000E+00
                   0.000E+00
0.000E+00
                                        3.112E-01
2.524E-01
       591
       592
                                       2.524E-01
2.122E-01
1.817E-01
1.570E-01
1.362E-01
1.187E-01
1.044E-01
9.250E-02
8.296E-02
       593
                   0.000E+00
                   0.000E+00
0.000E+00
      594
595
       596
                   0.000E+00
                   0.000E+00
0.000E+00
       597
       598
       599
                   0.000E+00
       600
                   0.000E+00
                                        7.490E-02
6.842E-02
9.692E-02
       601
                   0.000E+00
       602
                   0.000E+00
                   0.000E+00
0.000E+00
       603
       604
                                        1,129E-01
                                        1.366E-01
1.668E-01
2.084E-01
       605
                   0.000E+00
                   0.000E+00
      606
       607
                   0.000E+00
       60A
                   0.000E+00
0.000E+00
                                        2.738E-01
3.944E-01
      609
                   0.000E+00
                                        1.033E+00
       610
                                       5.359E-01
3.709E-01
      611
612
                   0.000E+00
0.000E+00
                                       2.844E-01
2.263E-01
      613
                   0.000E+00
                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                     11/07/95 09:51:16
                                                                                                                                                                                                        Page +
                    0.000E+00
                                       1.549E-01
1.329E-01
      616
617
                   0.000E+00
0.000E+00
                                       1.166E-01
1.040E-01
9.416E-02
8.615E-02
                   0.000E+00
      618
       619
                   0.000E+00
      620
                   0.000E+00
      621
                   0.000E+00
                                        7.937E-02
7.377E-02
7.045E-02
                   0.000E+00
      623
                   0.000E+00
       624
                   0.000E+00
       625
                   0.000E+00
                                        8.671E-02
      626
627
                   0.000E+00
0.000E+00
                                        9.624E-02
1.083E-01
       628
                   0.000E+00
                                        1.270E-01
                   0.000E+00
0.000E+00
                                        1.584E-01
2.129E-01
      629
      630
                   0.000E+00
                                        3.080E-01
                                       5.104E-01
6.793E-01
4.172E-01
      632
                   0.000E+00
                   0.000E+00
      633
                   0.000E+00
                                        3.078E-01
2.419E-01
1.984E-01
      635
                   0.000E+00
                   0.000E+00
      636
       637
                   0.000E+00
       638
                   0.000E+00
                                        1.688E-01
                                       1.461E-01
1.281E-01
                   0.000E+00
0.000E+00
      639
       640
                                        1.137E-01
1.021E-01
9.252E-02
                   0.000E+00
       642
                   0.000E+00
       643
                   0.000E+00
                                       8.446E-02
7.756E-02
7.186E-02
                   0.000E+00
      645
                   0.000E+00
0.000E+00
                   0.000E+00
0.000E+00
                                        6.675E-02
7.139E-02
       648
                   0.000E+00
                                        8.011E-02
       649
                                       9.120E-02
1.060E-01
1.284E-01
       650
                    0.000E+00
                   0.000E+00
0.000E+00
      651
652
       653
                    0.000E+00
                                        1.600E-01
                                       2.139E-01
3.274E-01
      654
655
                   0.000E+00
                    0.000E+00
       656
                   0.000E+00
                                        1.384E+00
                   0.000E+00
                                        9.026E-01
```

```
5.380E-01
3.565E-01
2.619E-01
     658
659
                  0.000E+00
                  0.000E+00
                  0.000E+00
      660
                  0.000E+00
                                     2.061E-01
                                     1.695E-01
1.445E-01
     662
                  0.000E+00
                  0.000E+00
      663
                  0.000E+00
0.000E+00
                                     1.321E-01
1.136E-01
      665
                                     9.823E-02
                  0.000E+00
      666
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
11/07/95 09:51:16 Page - 168
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                  0.000E+00
                                     8.840E-02
                                     8.010E-02
7.319E-02
6.748E-02
6.264E-02
5.843E-02
6.385E-02
      668
                  0.000E+00
      669
                  0.000E+00
      670
671
                  0.000E+00
                  0.000E+00
                  0.000E+00
0.000E+00
      673
                   0.000E+00
                                     7.149E-02
      674
                  0.000E+00
0.000E+00
                                     8.150E-02
9.561E-02
      676
677
                   0.000E+00
                                     1.148E-01
                  0.000E+00
0.000E+00
0.000E+00
                                     1.454E-01
1.960E-01
2.682E-01
      678
      679
      680
                  0.000E+00
0.000E+00
0.000E+00
                                     5.124E-01
9.644E-01
      681
      682
                                     1.023E+00
9.823E-01
6.486E-01
      683
      684
685
                  0.000E+00
0.000E+00
                                     4.576E-01
3.303E-01
2.473E-01
                   0.000E+00
      686
                  0.000E+00
      687
      688
                                     1.933E-01
      689
                   0.000E+00
                                     1.603E-01
1.364E-01
                  0.000E+00
0.000E+00
      690
      691
                   0.000E+00
                                      1.180E-01
      692
                                     1.049E-01
9.337E-02
      693
                   0.000E+00
                   0.000E+00
      694
                   0.000E+00
                                     8.362E-02
                                     7.587E-02
6.922E-02
      696
697
                   0.000E+00
0.000E+00
                                     6.333E-02
5.820E-02
                   0.000E+00
                   0.000E+00
0.000E+00
      699
      700
                                      5.867E-02
                                     6.400E-02
7.361E-02
      701
                   0.000E+00
                   0.000E+00
0.000E+00
      702
703
                                     8.667E-02
      704
                   0.000E+00
                                     1.005E-01
                   0.000E+00
0.000E+00
                                     1.164E-01
1.370E-01
      705
      706
      707
                   0.000E+00
                                     1.646E-01
2.377E-01
      708
709
                   0.000E+00
0.000E+00
                                      4.261E-01
                                     6.498E-01
7.433E-01
7.220E-01
      710
711
712
                   0.000E+00
                   0.000E+00
0.000E+00
0.000E+00
                                      5.299E-01
       713
                                      4.009E-01
      714
715
                   0.000E+00
0.000E+00
                                     3.047E-01
                   0.000E+00
                                      2.426E-01
       716
                                     1.887E-01
1.546E-01
      717
                   0.000E+00
                   0.000E+00
      718
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 169
                   0.000E+00
0.000E+00
                                     1.290E-01
1.120E-01
      720
       721
                   0.000E+00
                                      9.949E-02
                                     8.885E-02
8.057E-02
7.420E-02
       722
                   0.000E+00
      723
724
                   0.000E+00
0.000E+00
                                      6.854E-02
6.359E-02
       725
                   0.000E+00
      726
727
                   0.000E+00
                                      5.886E-02
                                      5.447E-02
7.243E-02
                   0.000E+00
      729
730
                   0.000E+00
                   0.000E+00
                                      7.969E-02
                   0.000E+00
                                      8.677E-02
9.561E-02
                   0.000E+00
0.000E+00
      732
733
                                      1.024E-01
       734
                   0.000E+00
                                      1.179E-01
                                      1.464E-01
2.309E-01
      735
736
                   0.000E+00
0.000E+00
                                      3.713E-01
       737
                   0.000E+00
      738
739
                   0.000E+00
0.000E+00
                                      5.030E-01
5.578E-01
       740
                   0.000E+00
                                      5.642E-01
       741
742
                   0.000E+00
                                      4.498E-01
4.186E-01
                   0.000E+00
0.000E+00
       743
                                      3.018E-01
                                     2.256E-01
1.882E-01
       744
                   0.000E+00
0.000E+00
```

1.533E-01

```
1.285E-01
1.102E-01
9.543E-02
8.495E-02
       749
750
                     0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
                                          7 698E-02
7 007E-02
6 461E-02
       751
       752
753
       754
755
756
                                          6.069E-02
6.083E-02
                     0.000E+00
                     0.000E+00
0.000E+00
                                         5.429E-02
7.232E-02
7.724E-02
7.829E-02
       757
758
                     0.000E+00
0.000E+00
       759
                     0.000E+00
       760
761
762
                     0.000E+00
0.000E+00
                                          8.174E-02
9.089E-02
                                         9.089E-02
1.066E-01
1.5552E-01
2.182E-01
3.261E-01
4.173E-01
4.449E-01
4.465E-01
4.243E-01
3.957E-01
                     0.000E+00
                     0.000E+00
0.000E+00
       763
       764
765
                     0.000E+00
                     0.000E+00
       766
767
                     0.000E+00
       768
                     0.000E+00
                     0.000E+00
       769
770
                     0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 
IT 11/07/95 09:51:16 Page - 170
Input File: g:\ace\GQ91\GQTPACE.DAT
                     0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
                                          2.617E-01
2.140E-01
1.806E-01
       772
       773
       774
775
                                          1.531E-01
1.295E-01
1.103E-01
                     0.000E+00
       776
777
                     0.000E+00
0.000E+00
       778
                     0.000E+00
                                          9.633E-02
                     0.000E+00
0.000E+00
                                          8.447E-02
7.522E-02
       779
       780
                     0.000E+00
0.000E+00
0.000E+00
       781
                                          6.846E-02
                                          6.252E-02
5.810E-02
       782
       783
       784
                     0.000E+00
                                          6.154E-02
                                          5.037E-02
6.681E-02
       785
                     0.000E+00
0.000E+00
       786
       787
                     0.000E+00
                                          6.685E-02
                                          6.650E-02
7.472E-02
5.432E-02
                     0.000E+00
0.000E+00
       788
       789
       790
                     0.000E+00
                                          1.129E-01
1.524E-01
2.093E-01
2.956E-01
3.525E-01
       791
792
                     0.000E+00
0.000E+00
       793
794
795
                     0.000E+00
0.000E+00
0.000E+00
       796
797
798
                     0.000E+00
0.000E+00
0.000E+00
                                          3.666E-01
                                          3.627E-01
3.498E-01
                     0.000E+00
0.000E+00
0.000E+00
       799
                                          3.326E-01
                                          2.957E-01
2.469E-01
       800
801
                     0.000E+00
                                          2.039E-01
       803
804
                     0.000E+00
0.000E+00
                                          1.722E-01
1.501E-01
       805
                     0.000E+00
                                          1.288E-01
       806
                     0.000E+00
                                          1.110E-01
                                          9.602E-02
8.570E-02
7.590E-02
                     0.000E+00
       807
                     0.000E+00
       808
       809
                     0.000E+00
                                          6.781E-02
                     0.000E+00
       810
                                          6.208E-02
5.724E-02
                     0.000E+00
       811
812
                     0.000E+00
       813
                     0.000E+00
                                          5.273E-02
                     0.000E+00
                                           4.849E-02
       814
       ABOVE CONCENTRATIONS DO NOT INCLUDE THE FOLLOWING BACKGROUND CONCENTRATIONS:
```

**** RECEPTOR TOTAL CANCER RISK AND EXCESS BURDEN ***

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT

0.000E+00 0.000E+00

0.000E+00 0.000E+00 0.000E+00

ECEPTOR	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM	POPULATION	BURDEN
1 2 3 4	1.552E-07 1.628E-07 1.619E-07 2.587E-07	3.860E-09 3.836E-09		0.000E+00 0.000E+00	7.465E-08 7.420E-08	0.000E+00	0.000E+00 0.000E+00	4.158E-07 4.215E-07 4.190E-07 6.809E-07	0	0.000E+00 0.000E+00 0.000E+00 0.000E+00

* OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *

11/07/95 09:51:16 Page - 171

```
2.922E-07
2.641E-07
2.056E-07
2.145E-07
                                                                                1.208E-07
1.092E-07
8.503E-08
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                0.000E+00
                                                                                                                                6.767E-07
                                                                                                0.000E+00
                 2.574E-07
2.325E-07
                                6.257E-09
5.656E-09
                                                                                                                                6.114E-07
4.767E-07
                                                                                                0.000E+00
0.000E+00
                                                                0.000E+00
         6
7
                                                                                                                                                               0.000E+00
                                                                0.000E+00
                 1.816E-07
                                4.403E-09
                                                                                                                                4.958E-07
                                                                                                                                                               0.000E+00
                                                                0.000E+00
                                                                                8.863E-08
                                                                                                0.000E+00
                                                                                                                0.000E+00
                 1.881E-07
                                4 592E-09
                                                                                                                                5.173E-07
                                                                                                                                                               0.000E+00
                                                 2.239E-07
                                                                                9.253E-08
1.523E-07
                                                                                                0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                 1.961E-07
                                4.794E-09
7.907E-09
                                                                0.000E+00
                                                                                                                                8.439E-07
                                                                                                                                                               0 000E+00
                 3.143E-07
                                                 3.694E-07
                                                                0.000E+00
                                                                                                                                2.427E-07
1.006E-06
                                                                                                                                                               0.000E+00
                                                1.045E-07
                                                                0.000E+00
                                                                                4.324E-08
                                                                                                0.000E+00
                                                                                                                0.000E+00
                 9.271E-08
                                2.238E-09
                                                                                                                0.000E+00
                                                                                                                                                               0.000E+00
                                                                                1.792E-07
1.360E-07
1.388E-07
                                                                                                0.000E+00
0.000E+00
                 3.840E-07
                                                 4.331E-07
                                                                0.000E+00
                                                                                                                                7.456E-07
7.600E-07
7.642E-07
8.758E-07
                                                                                                                 0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                2.717E-07
2.762E-07
                                                3.308E-07
3.377E-07
                                                                0.000E+00
                                 7.079E-09
                                7.227E-09
7.282E-09
                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                1.398E-07
1.608E-07
5.099E-08
                                                                                                                                                               0.000E+00
                                                                                                                0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
                 2.767E-07
                                                3.404E-07
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                                               0.000E+00
                                                3.917E-07
1.234E-07
                 3.149E-07
                                8.380E-09
                                                                                                                                2.853E-07
4.774E-07
                                                                                                                                                               0.000E+00
                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                2.642E-09
                 1.083E-07
                                                                                                0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                0.000E+00
                                                                                8.576E-08
9.427E-08
                 1.794E-07
                                 4.448E-09
                                                                0.000E+00
0.000E+00
                                                2.078E-07
        18
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                5.226E-07
                                                2.286E-07
2.977E-07
                 1.948E-07
                                4.894E-09
                                                                                                                                6.824E-07
3.986E-07
                                6.374E-09
3.795E-09
                                                                                1.228E-07
7.288E-08
7.053E-08
                                                                0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
        20
                 2.555E-07
                                                                                                                0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
                                                1.774E-07
1.717E-07
                                                                0.000E+00
0.000E+00
                 1.446E-07
        21
                                                                                                                                3.852E-07
                                3.674E-09
3.515E-09
3.323E-09
                                                                                                                                                               0.000E+00
                 1.393E-07
1.328E-07
                                                                                                                                3.681E-07
                                                                                                                                                               0.000E+00
                                                                                6.747E-08
6.378E-08
5.975E-08
                                                                                                                0.000E+00
                                                 1.643E-07
                                                                0.000E+00
                                                                                                0.000E+00
0.000E+00
        23
                                                                                                                                3.479E-07
                                                                                                                                                           0
                                                                                                                                                               0.000E+00
                                                                                                                 0.000E+00
                 1.255E-07
                                                1.553E-07
1.455E-07
                                                                0.000E+00
0.000E+00
        24
                                                                                                                                                               0.000E+00
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                3.256E-07
                                3.114E-09
3.558E-09
                 1.172E-07
                                                                                                                                                               0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                3.727E-07
                 1.345E-07
                                                 1.663E-07
                                                                 0.000E+00
                                                                                6.830E-08
                                                                                                                 0.000E+00
        26
                                                                                                                                3.522E-07
                                                                                                                                                               0.000E+00
                                                 1.576E-07
1.440E-07
1.574E-07
                                                                                                                 0.000E+00
                                3.372E-09
                                                                0.000E+00
0.000E+00
                                                                                6.469E-08
5.907E-08
                 1.265E-07
        27
                                                                                                                                3.209E-07
3.506E-07
3.753E-07
                                                                                                                 0.000E+00
                                                                                                                                                               0.000E+00
                 1.147E-07
                                3.081E-09
                                                                                                                                                               0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                 3.368E-09
                                                                 0.000E+00
                                                                                6.457E-08
                 1.253E-07
        29
                                                                                                                                                               0.000E+00
                                                                                6.886E-08
7.395E-08
                 1.351E-07
                                 3.588E-09
                                                 1.677E-07
                                                                0.000E+00
0.000E+00
        30
                                                 1.801E-07
1.962E-07
                                                                                                                                                               0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                4.036E-07
                 1.458E-07
                                 3.852E-09
                                                                                                                                4.399E-07
                                                                                                                                                               0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                 4.198E-09
                                                                 0.000E+00
                                                                                8.058E-08
                                                                                                                 0.000E+00
                 1.589E-07
        32
                                                1.824E-07
1.668E-07
2.083E-07
2.565E-07
3.743E-07
                                                                                                                                4.084E-07
                                                                                                                                                               0.000E+00
                                                                                                                 0.000E+00
                 1.472E-07
                                 3.902E-09
                                                                0.000E+00
0.000E+00
                                                                                7.489E-08
6.844E-08
        33
                                                                                                                                3.719E-07
4.658E-07
                                                                                                                                                               0.000E+00
                                                                                                                 0.000E+00
                 1.331E-07
                                 3.569E-09
4.457E-09
                                                                                8.552E-08
1.054E-07
1.540E-07
                                                                                                                                                                0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                 0.000E+00
                                                                 0.000E+00
                 1.675E-07
                                                                                                                 0.000E+00
                                                                                                                                 5.767E-07
                                                                                                                                                               0.000E+00
                 2.093E-07
                                 5.488E-09
                                                                 0.000E+00
        36
                                                                                                                                8.478E-07
8.185E-07
7.960E-07
                                                                                                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                8.011E-09
7.753E-09
7.597E-09
                                                                 0.000E+00
                 3.114E-07
2.994E-07
                                                                                                                                                               0.000E+00
                                                3.623E-07
3.550E-07
                                                                 0.000E+00
0.000E+00
                                                                                1.490E-07
1.458E-07
                                                                                                0.000E+00
                                                                                                                 0.000E+00
        38
                                                                                                                 0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                           0
                                                                                                                                                               0.000E+00
                 2.875E-07
                                                                                                                                                               0.000E+00
                                                                                                                                8.298E-07
                                                 3.683E-07
                                                                 0.000E+00
                                                                                1.514E-07
                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                 7.882E-09
                 3.022E-07
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 172
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                 0.000E+00 1.778E-07
                                                                                               0.000E+00
                                                                                                                0.000E+00 9.738E-07
                                                                                                                                                           Λ
                                                                                                                                                               0.000E+00
                                                 4.326E-07
3.714E-07
                                                                                1.527E-07
1.496E-07
1.119E-07
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                               8.377E-07
8.197E-07
                                                                 0.000E+00
                                                                                                                                                           0
                 3.056E-07
2.985E-07
2.248E-07
                                 7.948E-09
7.785E-09
                                                                                                                                                                0.000E+00
                                                 3.638E-07
                                                                 0.000E+00
         43
                                                                                                                                 6.146E-07
                                                                                                                                                                0.000E+00
                                 5.821E-09
                                                 2.720E-07
2.314E-07
                                                                 0.000E+00
                                                                                                                                 5.236E-07
8.210E-07
                                                                                                                                                                0.000E+00
                                                                                 9.523E-08
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                                 4.952E-09
7.784E-09
                 1.921E-07
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                                 1.496E-07
1.893E-07
2.128E-07
                                                 3.638E-07
                                                                 0.000E+00
                 2.998E-07
         46
                                                                                                                 0.000E+00
                                                                                                                                 1.036E-06
                                                                                                                                                                0.000E+00
                                                 4.605E-07
5.189E-07
                                                                 0.000E+00
                 3.762E-07
                                 9.853E-09
                                                                                                                                                                0.000E+00
                                                                                                                                 1.153E-06
1.118E-06
                                                                                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                                 1.110E-08
1.069E-08
                 4.104E-07
                                                                                2.051E-07
1.962E-07
1.902E-07
1.786E-07
                                                                                                                                                           Û
                                                                                                                                                                0.000E+00
                                                 4.996E-0/
4.769E-07
                                                                 0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                 4.024E-07
                                                                                                                                 1.079E-06
1.052E-06
9.926E-07
                                                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                                           0
                                 1.021E-08
                 3.955E-07
                                                                                                                                                                0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                 9.878E-09
                                                 4.615E-07
                 3.901E-07
3.719E-07
                                                                                                                                                           n
                                                                                                                                                                0.000E+00
                                 9.268E-09
                                                 4.329E-07
                                                                                                                                                                0.000E+00
                                                 3.984E-07
3.364E-07
                                                                 0.000E+00
                                                                                 1.645E-07
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                 9.182E-07
7.731E-07
                 3.468E-07
                                 8.530E-09
7.202E-09
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                 1.389E-07
1.210E-07
                                                                                                0.000E+00
0.000E+00
                 2.906E-07
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                 6.725E-07
                                 6.278E-09
                                                 2.933E-07
2.615E-07
                 2.519E-07
                                                                                                                                 5.985E-07
                                                                 0.000E+00
                                                                                 1.078E-07
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                 5.598E-09
                 2.236E-07
                                                                                                                                 5.382E-07
                                                                                                                                                                0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                 2.355E-07
                                                                 0.000E+00
                                                                                 9.711E-08
8.858E-08
                                 5.042E-09
                 2.005E-07
         57
                                                                                                                                 4.907E-07
                                                                                                                                                                0.000E+00
                                                 2.149E-07
2.100E-07
                                                                 0.000E+00
0.000E+00
                                 4.600E-09
                 1.826E-07
         58
                                                                                                                                                                0.000E+00
                                                                                 8.659E-08
                                                                                                                 0.000E+00
                                                                                                                                 4.801E-07
                 1.790E-07
                                 4.496E-09
                                                                                                                                 5.181E-07
5.138E-07
                                                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                 2.264E-07
                                                                 0.000E+00
                                                                                 9.337E-08
                                                                                                 0.000E+00
                 1.935E-07
                                 4.847E-09
                                                                                                                                                                0.000E+00
                                                                                                0.000E+00
0.000E+00
0.000E+00
                 1.920E-07
2.115E-07
                                 4.805E-09
                                                 2.244E-07
                                                                 0.000E+00
                                                                                 9.257E-08
         61
                                                                                                                                 5.640E-07
                                                                                                                                                                0.000E+00
0.000E+00
                                 5.263E-09
5.842E-09
                                                 2.458E-07
2.729E-07
3.066E-07
                                                                                 1.014E-07
1.126E-07
                                                                 0.000E+00
         62
                                                                                                                 0.000E+00
                                                                                                                                 6.268E-07
7.066E-07
                                                                 0.000E+00
                 2.355E-07
                                                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                 1.266E-07
                                                                                                 0.000E+00
                 2.668E-07
3.109E-07
                                 6.565E-09
7.590E-09
                                                                                                                                 8.194E-07
                                                                                                                                                                0.000E+00
                                                                                 1.465E-07
1.657E-07
1.981E-07
                                                                                                0.000E+00
0.000E+00
                                                 3.544E-07
                                                                 0.000E+00
         65
                                                                                                                                                                0.000E+00
                                                                                                                                 9.242E-07
1.106E-06
                 3.488E-07
4.179E-07
5.229E-07
                                                                 0.000E+00
                                 8.588E-09
1.027E-08
                                                 4.011E-07
4.794E-07
                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                 0.000E+00
                                                                                                                 0.000E+00
0.000E+00
         67
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                 1.383E-06
                                                                                 2.476E-07
3.415E-07
                                 1.284E-08
                                                 5.995E-07
                                                                 0.000E+00
         68
                                                                                                                                 1.905E-06
2.581E-06
                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                 1.772E-08
2.414E-08
                                                 8.275E-07
1.128E-06
                                                                 0.000E+00
                  7.184E-07
                                                                                                                                                                0.000E+00
                                                                                 4.649E-07
3.796E-07
2.552E-07
                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                 0.000E+00
                 9.638E-07
         70
                                                                                                                                 2.121E-06
                                                                                                                                                                0.000E+00
                                                 9.191E-07
6.173E-07
                                                                 0.000E+00
0.000E+00
                                 1.968E-08
         71
                                                                                                                                 1.430E-06
1.183E-06
                                                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
                  5.443E-07
                                 1.322E-08
1.083E-08
                                                                                 2.095E-07
1.752E-07
2.264E-07
2.230E-07
2.882E-07
2.817E-07
                                                                                                                                                                0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                 5.057E-07
                                                                 0.000E+00
                  4.569E-07
         73
                                                                                                                                 9.880E-07
                                                                                                                                                                0.000E+00
                                                                 0.000E+00
0.000E+00
                  3.807E-07
                                 9.061E-09
                                                 4.230E-07
                                                                                                                                                                0.000E+00
                                                 5.482E-07
5.384E-07
                                                                                                                                 1.266E-06
1.257E-06
                                                                                                                 0.000E+00
                  4.792E-07
                                 1.174E-08
                                                                                                                                                                0.000E+00
                                 1.153E-08
1.490E-08
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                 0.000E+00
                 4.845E-07
6.315E-07
         76
77
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  1.630E-06
                                                 6.953E-07
6.806E-07
                                                                 0.000E+00
0.000E+00
                                                                                                                                 1.587E-06
1.245E-06
                  6.098E-07
                                 1.458E-08
                                                                                                                                                                0.000E+00
                                 1.149E-08
8.919E-09
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                 2.219E-07
                                                                                                                 0.000E+00
                 4.749E-07
3.674E-07
                                                 5.367E-07
                                                                                                                 0.000E+00
                                                                                                                                  9.650E-07
                                                                                                                                                                0.000E+00
                                                                                 1.722E-07
1.353E-07
                                                 4.165E-07
                                                                 0.000E+00
         80
                                                                                                                 0.000E+00
                                                                                                                                 7.570E-07
5.958E-07
7.336E-07
                                                                                                                                                                0.000E+00
                                                                 0.000E+00
                                                 3.274E-07
2.572E-07
                  2.873E-07
                                  7.010E-09
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                  0.000E+00
                                                                                 1.063E-07
                 2.267E-07
2.757E-07
                                 5.509E-09
6.837E-09
         82
                                                                                                                                                                0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                 1.318E-07
1.428E-07
                                                  3.193E-07
         83
                                                                                                                                                                0.000E+00
                                                                                                                                 7.947E-07
7.133E-07
8.190E-07
                                                                                                                 0.000E+00
                                                                                                                                                            0
                                                 3.462E-07
3.075E-07
                  2.983E-07
                                  7.411E-09
                                                                                                                                                                0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                  0.000E+00
                                                                                  1.272E-07
                                                                                                 0,000E+00
                                 6.586E-09
7.612E-09
         85
                  2.720E-07
                                                                                                                                                                0.000E+00
                                                                                 1.468E-07
1.472E-07
1.777E-07
                                                                                                 0.000E+00
0.000E+00
                  3.091E-07
                                                  3.555E-07
                                                                  0.000E+00
         86
                                                 3.566E-07
4.315E-07
                                                                                                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  8.203E-07
                  3.089E-07
                                  7.635E-09
                                                                  0.000E+00
         87
                                                                                                                                 9.817E-07
                                                                                                                                                                0.000E+00
                                                                  0.000E+00
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
         88
                  3,633E-07
                                 9.235E-09
                                                                                                                                  7.461E-07
                                                                                                                                                                0.000E+00
                                                                                 1.337E-07
1.510E-07
1.948E-07
                                                                                                                  0.000E+00
                                 6.929E-09
7.826E-09
                                                                                                 0.000E+00
0.000E+00
                                                  3.236E-07
                                                                  0.000E+00
                  2.820E-07
         89
                                                                                                                  0.000E+00
                                                                                                                                  8.423E-07
                                                                                                                                                                0.000E+00
0.000E+00
                  3.181E-07
                                                 3.655E-07
4.725E-07
                                                                 0.000E+00
0.000E+00
         90
                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                1.081E-06
1.076E-06
                                 1.012E-08
9.995E-09
         91
                  4.032E-07
                                                                                                                  0.000E+00
                                                                                                                                                                0.000E+00
                                                  4.668E-07
                                                                  0.000E+00
                                                                                 1.928E-07
                                                                                                 0.000E+00
                  4.060E-07
         92
                                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
 GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                   TSP
                                                                   Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                11/07/95 09:51:16
                                                                                                                                                                               Page -
 Input File: g:\ace\GQ91\GQTPACE.DAT
                  4.223E-07 1.025E-08 4.785E-07 0.000E+00 1.979E-07 0.000E+00 0.000E+00 1.109E-06
                                                                                                                                                            0 0.000E+00
```

```
1.059E-08
1.071E-08
1.100E-08
                                                                                      2.046E-07
2.072E-07
2.129E-07
                                                     4.943E-07
5.001E-07
                                                                     0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                          1.169E-06
1,204E-06
                                                                                                                                                                           0.000E+00
0.000E+00
                  4.507E-07
                                                                                                        0.000E+00
                  4.666E-07
                                                     5.136E-07
                                                                     0.0006+00
                                                                                                        0 DOOE+00
                  5.510E-07
                                   1.304E-08
                                                     6.085E-07
                                                                     0.000E+00
                                                                                       2.521E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                     7.675E-07
                                                                     0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
0.000E+00
                                   1.6448-08
                                                                                       3.178E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1.790E-06
                                                                                                                                          2.264E-06
                                   2.089E-08
2.141E-08
                                                                                                                         0.000E+00
                  8.644E-07
                                                     9.752E-07
                                                                                      4.034E-07
4.129E-07
                                                                                                        0.00DE+00
                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          2.304E-06
                                                                                                                                                                           0.000E+00
                  8.698E-07
        100
                                                                                      4.129E-07

2.243E-07

2.514E-07

2.512E-07

2.338E-07

2.181E-07

2.173E-07

4.247E-07

3.275E-07

2.594E-07

3.038E-07

3.933E-07
                                                                     0.000E+00
0.000E+00
                                                                                                                                          1.819E-06
1.418E-06
                   6.938E-07
                                   1.679E-08
                                                     7.841E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                   1.300E-08
1.301E-08
                                                                                                        0.000E+00
                  5.463E-07
5.386E-07
                                                     6.069E-07
        102
                                                     6.074E-07
                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1.410E-06
                                                                                                                                                                           0.000E+00
        103
                                                     5.655E-07
5.274E-07
                                                                     0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          1.309E-06
1.223E-06
                                                                                                                                                                           0.000E+00
0.000E+00
                   4.980E-07
                                   1.211E-08
                                   1.129E-08
1.127E-08
1.126E-08
2.212E-08
        105
                   4.66DE-07
                                                    5.262E-07
5.258E-07
1.034E-06
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1.211E-06
                                                                                                                                                                           0,000E+00
                   4.567E-07
                                                                      0.000E+00
        106
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                          1.202E-06
                                                                                                                                                                           0.000E+00
0.000E+00
                   4.481E-07
                                                                                                                                          2.319E-06
                  8.383E-07
        108
                                   1.703E-08
                                                     7.958E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1.803E-06
                                                                                                                                                                           0.000E+00
                  6.623E-07
        109
                                                                                                                                          1.448E-06
1.687E-06
                                                     6.281E-07
7.364E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
0.000E+00
                   5.474E-07
                                      .345E-08
                                   1.577E-08
        111
                  6.314E-07
                                   1.5//E-08
2.045E-08
2.457E-08
4.483E-08
3.127E-08
2.027E-08
2.650E-08
                                                                     0.000E+00
0.000E+00
                                                                                      3.933E-07
4.719E-07
8.596E-07
                   8.004E-07
                                                     9.552E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          2.169E-06
2.583E-06
                                                                                                                                                                           0.000E+00
                                                     1.148E-06
2.096E-06
                   9.387E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          4.669E-06
                                                                                                        0.000E+00
                                                                      0.000E+00
        114
                  1.669E-06
                                                     1.462E-06
                                                                      0.000E+00
                                                                                       6.004E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.281E-06
                                                                                                                                                                           0.000E+00
                   1.188E-06
        115
                                                                                      3.898E-07
5.092E-07
9.047E-07
3.798E-07
3.647E-07
                                                                                                                                          2.146E-06
2.791E-06
                                                     9.472E-07
1.239E-06
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
0.000E+00
                  7.889E-07
                  1 017E-06
                                   4.716E-08
                                                     2.204E-06
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          4.925E-06
                                                                                                                                                                           0.000E+00
                   1.769E-06
        118
                                   1.971E-08
1.889E-08
2.237E-08
                                                                                                                                          2.114E-06
2.048E-06
                  7.945E-07
7.825E-07
                                                    9.204E-07
8.819E-07
                                                                     0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
        120
                                                                                      4.317E-07
4.714E-07
7.696E-07
                   9.177E-07
        121
                                                     1.045E-06
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          2.417E-06
                                                                                                                                                                           0.000E+00
                                                    1.143E-06
1.870E-06
1.595E-06
2.281E-06
3.508E-06
                                                                                                                                                                           0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                  9.754E-07
1.550E-06
                                   2.448E-08
4.003E-08
                                                                     0.000E+00
0.000E+00
                                                                                                                                          2.615E-06
                                                                                                                                          4.230E-06
                                                                                                                                                                           0.000E+00
        123
                                                                                      6.580E-07
9.387E-07
1.442E-06
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                   3.415E-08
                   1.366E-06
                                                                      0.000E+00
                                                                                                                                          3.654E-06
                                                                                                                                                                           0.000E+00
                                                                                                                                          5.170E-06
7.899E-06
                                                                                                                                                                           0.000E+00
                                   4.881E-08
7.507E-08
                                                                     0.000E+00
0.000E+00
                  1.902E-06
2.873E-06
                                                                                                                                                                           0.000E+00
        126
                   3.183E-06
                                   8.464E-08
                                                    3.956E-06
2.995E-06
1.792E-06
                                                                     0.000E+00
                                                                                       1.624E-06
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          8.848E-06
6.707E-06
4.052E-06
                                                                                                                                                                       00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                           0.000E+00
                  2.419E-06
1.485E-06
                                   6.407E-08
3.835E-08
                                                                     0.000E+00
                                                                                      1.230E-06
7.372E-07
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
        129
                                                                                      6.183E-07
6.716E-07
1.364E-06
1.897E-06
2.075E-06
9.754E-07
                                                     1.501E-06
1.629E-06
3.320E-06
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          3.414E-06
3.723E-06
                   1.262E-06
                                   3.213E-08
                                                                                                                                                                       0
                                                                                                                                                                           0.000E+00
                                                                                                                                                                           0.000E+00
                                   3.487E-08
7.104E-08
        131
                   1.387E-06
                  2.692E-06
                                                                                                                                                                           0.000E+00
                                                     4.625E-06
5.057E-06
2.370E-06
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          1.031E-05
                   3.687E-06
                                   9.893E-08
                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                       0
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                          1.128E-05
                                                                                                                                                                           0.000E+00
                  4.036E-06
1.971E-06
                                   1.082E-07
5.072E-08
        134
                                                                                                                                          5.367E-06
3.407E-06
3.544E-06
                                                                                                                                                                            0.000E+00
                                                                                      6.132E-07
6.310E-07
5.816E-07
                                                                                                        0.000E+00
0.000E+00
                   1.275E-06
                                   3.182E-08
3.267E-08
                                                     1.486E-06
1.525E-06
                                                                     0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                       0
                                                                                                                                                                           0.000E+00
                                                                                                                                                                           0.000E+00
        137
                   1.355E-06
                   1.259E-06
                                   3.010E-08
                                                     1.405E-06
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.275E-06
                                                                                                                                                                           0.000E+00
                                                                                      6.960E-07
6.222E-07
                                                                                                                                          3.900E-06
3.484E-06
                                                                                                                         0.000E+00
0.000E+00
                   1.484E-06
                                   3.606E-08
                                                     1.684E-06
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                                       0
                                                                                                                                                                           0.000E+00
                                                     1.506E-06
1.659E-06
                                                                                                        0.DOOE+00
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                   3.224E-08
        140
                   1.324E-06
                                   3.551E-08
                                                                                       6.842E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.800E-06
                                                                                                                                                                           D_00DE±00
        141
                  9.834E-07
7.077E-07
                                   2.419E-08
1.712E-08
                                                     1.130E-06
7.994E-07
                                                                     0.000E+00
0.000E+00
                                                                                      4.665E-07
3.305E-07
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                          2.604E-06
1.855E-06
                                                                                                                         0.000E+00
                                                                                                                                                                       n
                                                                                                                                                                           0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           D.000E+00
                                                                      0.000E+00
                                                     7.813E-07
                                                                                      3.224E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1.795E-06
                                                                                                                                                                           0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
JT 11/07/95 09:51:16 Page - 17
                                                                                                                                                                                            Page -
                                   1.375E-08
                                                     0.000E+00
                   5.721E-07
                                   1.253E-08
1.162E-08
                                                     5.849E-07 0.000E+00
5.423E-07 0.000E+00
5.125E-07 0.000E+00
                                                                                      2.423E-07
2.248E-07
2.124E-07
                                                                                                        0.000E+00 0.000E+00
0.000E+00 0.000E+00
                  5.288E-07
                                                                                                                                          1.368E-06
                                                                                                                                                                           0.000E+00
        146
                                                                                                                                          1.272E-06
1.202E-06
                   4.930E-07
                                                                                                       0.000E+00
                                                                                                                                                                           0.000E+00
                                                     5.125E-07
4.470E-07
                                                                                                                         0.000E+00
0.000E+00
                  4.656E-07
                                   1.098E-08
9.577E-09
                                                                                                        0.000E+00
                                                                                                                                                                           0.000E+00
        148
                                                                                      2.124E-07
1.853E-07
1.622E-07
1.703E-07
1.818E-07
1.567E-07
1.402E-07
1.435E-07
1.585E-07
1.489E-07
                                                                                                                                          1,048E-06
9,175E-07
9,628E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                                           0.000E+00
        149
                                                    3.914E-07
4.109E-07
4.390E-07
3.784E-07
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                   3.555E-07
                                   8.384E-09
                                                                                                                                                                           0.000E+00
                                                                                                                                                                           0.000E+00
                  3.728E-07
                                   8.803E-09
9.403E-09
        151
                                                                                                                                          1.025E-06
8.843E-07
                  3.948E-07
                                                                                                                                                                            0.000E+00
                  3.411E-07
                                   8,106E-09
                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                          7.905E-07
7.188E-07
8.036E-07
                                                                                                                                                                           0.000E+00
                                   7.251E-09
6.599E-09
7.431E-09
                                                     3.385E-07
3.081E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                  3.045E-07
2.765E-07
        154
                                                                                                                                                                            0.000E+00
                                                     3.470E-07
3.839E-07
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                   3.057E-07
                                                                      0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                          8.835E-07
8.324E-07
                  3.329E-07
3.154E-07
                                   8.220E-09
7.718E-09
                                                                     0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
        157
                                                                                                                                                                            0.000E+00
                                                     3.604E-07
                                   7.360E-09
6.467E-09
6.134E-09
                                                                                      1.420E-07
1.249E-07
1.184E-07
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                   3.007E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                                          7.938E-07
                                                                                                                                                                           0.000E+00
                                                                                                                                          7.000E-07
                                                                                                                                                                           0.000E+00
                  2.667E-07
2.514E-07
                                                     3.020E-07
2.864E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                          6,624E-07
                                                                                                                                                                            0.000E+00
        161
                                                                                      1.104E-07
1.312E-07
1.513E-07
1.916E-07
2.201E-07
2.074E-07
1.629E-07
                                   6.797E-09
7.845E-09
9.949E-09
                                                     3.174E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          7.334E-07
                                                                                                                                                                           0.000E+00
        162
                                                                                                                                          8.445E-07
1.062E-06
                                                     3.664E-07
4.647E-07
5.341E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                  3.189E-07
                                                                                                                                                                            0.000E+00
                  3.958E-07
        164
                                   1,143E-08
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           1.219E-06
                                                                                                                                                                           0.000E+00
                                                                                                                                                                           0.000E+00
                   4.222E-07
                                   1.078E-08
                                                     5.037E-07
3.956E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          1.144E-06
8.985E-07
                  3.316E-07
                                   8.468E-09
        167
                                   6.511E-09
                                                     3.042E-07
                                                                      0.000E+00
                                                                                       1.254E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           6.936E-07
                                                                                                                                                                           0.000E+00
                   2.575E-07
                                                                                      1.053E-07
1.088E-07
1.139E-07
                                                                                                                                           5,821E-07
                                                                                                                                                                           0.000E+00
                                   5.469E-09
                                                     2.555E-07
2.640E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                  2.159E-07
                                   5.652E-09
5.920E-09
                                                                                                                                           6.015E-07
                  2 231E-07
        170
                  2.328E-07
2.357E-07
                                                     2.766E-D7
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           6.292E-07
                                                                                                                                                                           0.000E+00
        171
                                                                                      1.158E-07
1.150E-07
1.355E-07
1.613E-07
2.073E-07
2.376E-07
                                                                                                                                          6.388E-07
6.333E-07
                                                                                                                                                                           0.000E+00
                                   6.020E-09
5.977E-09
                                                     2.813E-07
2.792E-07
                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                  2.331E-07
                                                                     0.000E+00
0.000E+00
0.000E+00
                  2.777E-07
                                   7.041E-09
                                                     3.289E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           7.492E-07
                                                                                                                                                                            0.000E+00
                  3.337E-07
                                   8.371E-09
                                                     3.910E-07
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                           8.944E-07
                                                                                                                                                                           0.000E+00
                                                                                                                                           1.154E-06
                                   1.076E-08
1.233E-08
                                                     5.023E-07
5.760E-07
                                                                                                                                                                            0.000E+00
        176
177
                   4.335E-07
                   4.945E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           1.320E-06
                                                                                                                                                                            0.000E+00
                                                                                                                                           1.226E-06
1.354E-06
                   4.551E-07
                                   1.152E-08
                                                     5.380E-07
                                                                      0.000E+00
                                                                                       2.217E-07
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                            0.000E+00
                                                     5.923E-07
7.002E-07
7.707E-07
                   5.049E-07
                                   1.268E-08
                                                                      0.000E+00
                                                                                       2.443E-07
2.890E-07
                                                                                                        0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                   1.499E-08
                                                                      0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           1.608E-06
                                                                                                                                                                            0.000E+00
                   6.043E-07
        180
                                                                                       3.181E-07
                   6.657E-07
                                   1.650E-08
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           1.771E-06
                                                                                                                                                                            0.000E+00
        181
                                                     5.776E-07
                                                                                                                                           1.325E-06
                                                                                                                                                                            0.000E+00
                  4.962E-07
3.576E-07
                                                                                       2.383E-07
1.738E-07
                                                                                                                         0.000E+00
        182
                                   1.237E-08
                                                                      0.000E+00
                                                                                                        0.000E+00
                                   9.026E-09
                                                     4.216E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           9.621E-07
                                                                                                                                                                            0.000E+00
        183
                                   6.774E-09
5.650E-09
5.798E-09
                                                                                      1.303E-07
1.085E-07
1.114E-07
                  2.630E-07
2.163E-07
                                                     3.165E-07
2.640E-07
                                                                      0.000E+00
0.000E+00
                                                                                                                                          7.166E-07
5.945E-07
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
        185
                                                                                                        0.000E+00
                                                     2.709E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           6.115E-07
                                                                                                                                                                            0.000E+00
```

4 408E-07

0.000E+00

1.150E-06

```
2.698E-07
2.743E-07
2.792E-07
                                                                                                 0.000E+00 1.110E-07 0.000E+00
0.000E+00 1.129E-07 0.000E+00
0.000E+00 1.150E-07 0.000E+00
0.000E+00 1.010E-07 0.000E+00
                                                                                                                                                                                                  6.101E-07
6.219E-07
6.333E-07
5.551E-07
                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                         2.288E-07
2.331E-07
                                                 5.871E-09
5.977E-09
           188
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
           189
                                                                                                                                                                          0.000E+00
           190
                                                                          2.454E-07
2.199E-07
                                                                                                                                                                           0.000E+00
                          2.035E-07
                                                  5,251E-09
                                                                                                                                                                                                   4.958E-07
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                          9.041E-08
                                                                                                                                                  0.000E+00
                                                                                                                                                                           0.000E+00
                         1.808E-07
1.615E-07
                                                  4.705E-09
           191
                         1.615E-07 4.235E-09
1.070E-06 2.591E-08
9.809E-07 2.345E-08
9.325E-07 2.208E-08
9.114E-07 2.157E-08
           192
                                                                           1.979E-07
                                                                                                  0.000E+00
                                                                                                                          8.134E-08
                                                                                                                                                  0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                  4.450E-07
2.806E-06
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                                          1.210E-06
1.095E-06
                                                                                                  0.000E+00
0.000E+00
                                                                                                                          5.002E-07
4.532E-07
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
           193
                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                   2.552E-06
                                                                                                                                                                                                                                                 0.000E+00
           194
                                                                                                  0.000E+00 4.271E-07
0.000E+00 4.172E-07
                                                                          1.031E-06
                                                                                                                                                  0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.413E-06
                                                                                                                                                                                                                                          0
                                                                                                                                                                                                                                                 0.000E+00
           195
                                                                          1.007E-06
                                                                                                                                                 0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                  2.357E-06
                                                                                                                                                                                                                                          0
                                                                                                                                                                                                                                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 
11/07/95 09:51:16 Page - 175
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                                                                        Page - 175
                                                                         1.003E-06 0.000E+00 4.153E-07 0.000E+00 9.854E-07 0.000E+00 4.078E-07 0.000E+00 9.809E-07 0.000E+00 4.054E-07 0.000E+00 9.967E-07 0.000E+00 3.795E-07 0.000E+00 8.580E-07 0.000E+00 3.542E-07 0.000E+00 8.580E-07 0.000E+00 3.542E-07 0.000E+00 9.550E-07 0.000E+00 3.542E-07 0.000E+00 9.00E+00 9.550E-07 0.000E+00 9.00E+00 
                                                                                                                                                                          0.000E+00 2.342E-06
0.000E+00 2.292E-06
0.000E+00 2.270E-06
0.000E+00 2.293E-06
0.000E+00 2.116E-06
                                                 2.148E-08
2.110E-08
2.101E-08
2.134E-08
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                          9.023E-07
                           8.782E-07
                                                                                                                                                                                                                                                 0.000E+00
                          8.627E-07
           199
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
           200
                          8.638E-07
                                                  1.968E-08
1.837E-08
                          7.973E-07
7.430E-07
                                                                                                                                                                                                   1.974E-06
                                                                                                                                                                                                                                                 0.000E+00
           202
                                                                          8.579E-07
1.380E-06
1.247E-06
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                          3.538E-07
5.708E-07
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                  1.964E-06
3.202E-06
                                                  1.837E-08
                                                                                                  0.000E+00
           203
                                                 2.956E-08
2.671E-08
2.563E-08
2.570E-08
                          1.221E-06
                                                                                                  0.000E+00
           204
                                                                                                                          5.161E-07
4.957E-07
4.970E-07
                                                                                                                                                                                                  2.908E-06
2.800E-06
2.807E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                          1.118E-06
                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
           205
                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                          1.083E-06
                                                                          1.196E-06
1.200E-06
                                                                                                  0.000E+00
                                                                                                  0.000E+00
           207
                          1.084E-06
                                                                                                                         4.820E-07 0.000E+00

4.715E-07 0.000E+00

4.918E-07 0.000E+00

5.464E-07 0.000E+00

4.320E-07 0.000E+00

3.895E-07 0.000E+00
                          1.043E-06
                                                  2.494E-08
                                                                          1.164E-06
                                                                                                  0.000E+00
                                                                                                                                                                                                   2.715E-06
                                                                                                                                                                                                                                                 0.000E+00
           208
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                  2.643E-06
2.739E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                 2.442E-08
2.551E-08
                                                                          1.140E-06
1.192E-06
                                                                                                  0.000E+00
0.000E+00
                          1.007E-06
                          1.030E-06
           210
                                                                         1.326E-06
1.326E-06
1.047E-06
9.443E-07
9.660E-07
                           1.122E-06
                                                  2.838E-08
                                                                                                  0.000E+00
                                                                                                                                                                                                   3.023E-06
                                                                                                                                                                                                                                                 0.000E+00
           211
                                                                                                                                                                                                  2.400E-06
2.165E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                  2.242E-08
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                          8.980E-07
                          8.111E-07
                                                  2 022E-08
                          8.183E-07
                                                  2.068E-08
                                                                                                  0.000E+00
                                                                                                                          3.981E-07
                                                                                                                                                 0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.203E-06
                                                                                                                                                                                                                                                 0.000E+00
           214
                                                                                                                          5.805E-07 0.000E+00

5.805E-07 0.000E+00

5.809E-07 0.000E+00

6.075E-07 0.000E+00

5.863E-07 0.000E+00

5.631E-07 0.000E+00
                                                                                                                                                                                                   3.569E-06
3.273E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                          1.367E-06
                                                  3.287E-08
                                                                          1,535E-06
                                                                                                  0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                          1.260E-06
                                                 3.003E-08
3.005E-08
                                                                          1.402E-06
                                                                                                  0.000E+00
0.000E+00
                                                                          1.402E-06
1.403E-06
1.467E-06
1.363E-06
1.646E-06
1.601E-06
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   3.278E-06
3.423E-06
3.289E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                           1.264E-06
                           1.317E-06
                                                  3.143E-08
                                                                                                  0.000E+00
                                                 3.036E-08
2.919E-08
3.523E-08
3.426E-08
                                                                                                  0.000E+00
           219
                          1.255E-06
                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                   3.143E-06
3.746E-06
3.633E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                           1.187E-06
                                                                                                  0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                          6.781E-07
6.590E-07
                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
           221
                           1.386E-06
                          1.339E-06
           222
                                                 2.499E-08
2.272E-08
2.539E-08
2.770E-08
                                                                                                                          4.812E-07
4.374E-07
4.883E-07
5.332E-07
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                           1.167E-06
                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                                   2.668E-06
                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                  2.423E-06
2.689E-06
2.949E-06
2.783E-06
3.586E-06
                                                                                                                                                                                                                                                 0.000E+00
                                                                          1.061E-06
1.186E-06
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                 0.000E+00
0.000E+00
           224
                          9.022E-07
                          9.890E-07
           225
                                                                                                                                                                         0.000E+00
                          1.094E-06
                                                                           1.294E-06
                                                                                                  0.000E+00
                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
           226
                                                                                                                          5.040E-07 0.000E+00
6.547E-07 0.000E+00
5.672E-07 0.000E+00
7.144E-07 0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                  2.619E-08
3.408E-08
2.947E-08
                           1.029E-06
                                                                          1.224E-06
1.593E-06
                                                                                                  0.000E+00
0.000E+00
           227
                          1.304E-06
           228
                                                                          1.377E-06
1.367E-06
1.738E-06
                                                                                                                                                                                                   3.134E-06
3.102E-06
3.911E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                           1.160E-06
                                                                                                  0.000E+00
                                                 2.926E-08
3.720E-08
           230
                           1.143E-06
                                                                                                  0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
           231
                           1.421E-06
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                   3.799E-06
3.148E-06
3.312E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                          6.903E-07
5.703E-07
                           1.395E-06
                                                  3.590E-08
                                                                           1.678E-06
                                                                                                  0.000E+00
                          1.163E-06
                                                 2.964E-08
3.131E-08
                                                                          1.385E-06
1.463E-06
                                                                                                  0.000E+00
0.000E+00
           233
                                                                                                                          6.020E-07
9.388E-07
6.577E-07
                          1.216E-06
           234
                                                                          2.284E-06
1.598E-06
1.624E-06
                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                  4.888E-08
                                                                                                  0.000E+00
                                                                                                                                                                                                   5.140E-06
3.624E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                          1.334E-06
1.346E-06
                                                 3.420E-08
3.475E-08
           236
                                                                                                  0.000E+00
                                                                                                                          6.681E-07 0.000E+00
7.999E-07 0.000E+00
7.325E-07 0.000E+00
9.630E-07 0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                                                                                                   3.673E-06
           237
                          1.610E-06
                                                  4.161E-08
                                                                           1.944E-06
                                                                                                  0.000E+00
                                                                                                                                                                                                   4.396E-06
                                                 3.811E-08
5.011E-08
4.405E-08
5.744E-08
                                                                                                                                                                                                   4.026E-06
5.283E-06
                                                                                                                                                                                                                                                 0.000E+00
                                                                          1.781E-06
2.342E-06
           239
                          1.475E-06
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                          1.928E-06
           240
                          1.697E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                           2.058E-06
                                                                                                  0.000E+00
                                                                                                                          8.465E-07
                                                                                                                                                   0.000E+00
                                                                                                                                                                                                   4.646E-06
           241
                                                                          2.684E-06
2.195E-06
                                                                                                                          1.104E-06
9.026E-07
                                                                                                                                                                                                   6.049E-06
4.955E-06
                          2.204E-06
                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                  4.697E-08
                          1.810E-06
                                                                                                  0.000E+00
           243
                                                                                                                          1.034E-06
7.870E-07
                          2.082E-06
                                                  5.379E-08
                                                                           2.513E-06
                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   5.683E-06
                                                                                                                                                                                                                                                 0.000E+00
           244
                                                                                                                                                                                                   4.344E-06
1.913E-07
2.140E-07
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                  4.090E-08
                                                                           1.911E-06
                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                          3.519E-08
3.930E-08
4.360E-08
                                                                                                                                                  0.000E+00
0.000E+00
                                                 1.835E-09
2.049E-09
                                                                          8.577E-08
9.576E-08
                                                                                                  0.000E+00
0.000E+00
           246
                           6.854E-08
                          7.688E-08
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                  2.273E-09
                                                                           1.062E-07
                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.375E-07
                                                                                                                                                                                                                                           0 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * UT 11/07/95 09:51:16 Page - 176
                                                                          9.638E-08 0.000E+00 3.960E-08 0.000E+00
9.117E-08 0.000E+00 3.752E-08 0.000E+00
9.672E-08 0.000E+00 3.984E-08 0.000E+00
9.698E-08 0.000E+00 4.000E-08 0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00 2.165E-07
0.000E+00 2.064E-07
0.000E+00 2.200E-07
                                                                                                                                                                                                                                           0
                           7.850E-08 2.062E-09
          250
251
                                                 1.951E-09
2.070E-09
                          7.578E-08
                          8.137E-08
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                          8.307E-08
                                                  2.076E-09
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.221E-07
                                                 2.076E-09
2.177E-09
2.121E-09
2.134E-09
2.156E-09
                                                                                                                          4.197E-08
4.092E-08
                                                                                                                                                                          0.000E+00
0.000E+00
                          8.757E-08
8.631E-08
                                                                          1.017E-07
9.905E-08
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                   2.334E-07
2.284E-07
           253
           2.54
                                                                          9.965E-08
                                                                                                   0.000E+00
                                                                                                                           4.118E-08 0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.302E-07
                                                                                                                                                                                                                                                 0.000E+00
           255
                          8.720E-08
                                                                                                                          4.162E-08 0.000E+00
4.107E-08 0.000E+00
3.959E-08 0.000E+00
                                                                                                                                                                                                   2.327E-07
2.303E-07
2.222E-07
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                          8.827E-08
                                                                           1.007E-07
                                                                                                   0.000E+00
                                                 2.127E-09
2.050E-09
                                                                          9.931E-08
9.571E-08
                                                                                                  0.000E+00
0.000E+00
           257
                          8.775E-08
                          8.488E-08
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
           258
                                                                          8.907E-08
7.984E-08
7.245E-08
6.742E-08
                          7.944E-08
                                                  1.908E-09
                                                                                                   0.000E+00
                                                                                                                           3.686E-08
                                                                                                                                                   0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.073E-07
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                  2.073E-07
1.861E-07
1.688E-07
1.572E-07
1.590E-07
1.728E-07
2.167E-07
2.361E-07
2.469E-07
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                          3.305E-08 0.000E+00 0.000E+00
2.999E-08 0.000E+00 0.000E+00
2.791E-08 0.000E+00 0.000E+00
                           7.149E-08
                                                  1.710E-09
                                                  1.552E-09
1.444E-09
                          6.484E-08
           261
                          6.038E-08
                                                                                                                                                                                                                                                 0.000E+00
           262
                                                                          6.837E-08
7.459E-08
8.261E-08
                                                                                                                          2.829E-08
3.084E-08
3.413E-08
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                          6.091E-08
                                                  1.464E-09
                                                                                                   0.000E+00
                                                                                                                                                  0.000E+00
                                                  1.597E-09
1.769E-09
                                                                                                                                                  0.000E+00
0.000E+00
           264
                          6.575E-08
7.213E-08
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
           265
                                                                                                                          3.896E-08 0.000E+00
4.257E-08 0.000E+00
4.464E-08 0.000E+00
                           8.127E-08
                                                  2.021E-09
                                                                           9.441E-08
                                                                                                   0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                                                                           1.032E-07
1.083E-07
                                                  2.210E-09
2.319E-09
                                                                                                   0.000E+00
0.000E+00
           267
                          8.807E-08
                          9.157E-08
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
           268
                                                  2.282E-09
                                                                           1.066E-07
                                                                                                   0.000E+00
                                                                                                                           4.392E-08
4.285E-08
                                                                                                                                                   0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                   2.425E-07
2.363E-07
                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                  0.000E+00
           270
                          8.710E-08
                                                  2.228E-09
                                                                           1.041E-07
1.040E-07
                                                                                                   0.000E+00
                          8.627E~08
                                                  2.226E-09
                                                                                                   0.000E+00
                                                                                                                           4.279E-08
                                                                                                                                                   0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                   2.353E-07
                                                                                                                                                                                                                                                 0.000E+00
           271
                                                                                                 0.000E+00 3.823E-08
0.000E+00 3.163E-08
0.000E+00 2.733E-08
0.000E+00 2.721E-08
                                                                                                                                                                                                   2.102E-07
1.742E-07
1.508E-07
                                                                          9.293E-08
7.683E-08
6.637E-08
                                                                                                                                                                          0.000E+00
0.000E+00
                           7.701E-08
                                                  1.989E-09
                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                  1.644E-09
1.421E-09
                                                                                                                                                  0.000E+00
0.000E+00
                          6.412E-08
5.563E-08
           273
                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
```

0.000E+00 0.000E+00

1.488E-07

5.392E-08

1.417E-09

6.621E-08

```
7.334E-08 0.000E+00 3.014E-08 0.000E+00
7.900E-08 0.000E+00 3.249E-08 0.000E+00
8.365E-08 0.000E+00 3.443E-08 0.000E+00
                                 1.569E-09
1.691E-09
                                                                                                                  0.000E+00
                                                                                                                                   1.649E-07
                                                                                                                                                                   0.000E+00
       276
277
                 5.985E-08
6.498E-08
                                                                                                                                   1.782E-07
1.893E-07
                                                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                 6.947E-08
                                                                                  3.443E-08
3.671E-08
                                  1.790E-09
                                                                                                                   0.000E+00
                                  1.908E-09
                                                  8.916E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                   2.024E-07
                                                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
       279
                  7 462E-08
                  8.117E-08
                                  2.052E-09
                                                    .586E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
       280
                                                                                  3.951E-08
4.232E-08
4.448E-08
4.430E-08
4.586E-08
4.565E-08
4.565E-08
4.369E-08
4.007E-08
3.561E-08
3.272E-08
                  8.805E-08
                                  2.196E-09
2.307E-09
                                                  1.026E-07
1.077E-07
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   2.352E-07
2.476E-07
                                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
       282
                 9.311E-08
                                  2.295E-09
                                                  1,072E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.476E-07
                                                                                                                                                                   0.000E+00
                  9.723E-08
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   2.564E-07
2.582E-07
                                  2.376E-09
2.390E-09
                                                  1.110E-07
1.116E-07
                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0 000E+00
                                                                                                                                                                   0.000E+00
                 9.805E-08
       285
                                                  1.104E-07
1.056E-07
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   2.561E-07
2.453E-07
                                                                                                                                                                   0.000E+00
0.000E+00
                                  2.364E-09
       287
                 9 376F-08
                                  2.261E-09
                                                                                                                                   2.255E-07
2.006E-07
                                  2.073E-09
                                                  9.680E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                 8.658E-08
                                                                                                                   0.000E+00
       288
                 7.710E-08
7.079E-08
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                  1.842E-09
                                                  8.600E-08
                                                                                                                   0.000E+00
                                                                                                                                   1.842E-07
                                 1.693E-09
1.615E-09
                                                  7.902E-08
7.538E-08
                                                                                                                   0.000E+00
                                                                                  3.121E-08
3.327E-08
3.668E-08
4.052E-08
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   1.758E-07
                                                                                                                                                                   0.000E+00
                 6.757E-08
       291
                                  1.722E-09
                                                  8.042E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   1.867E-07
                                                                                                                                                                   0.000E+00
       292
                                                                                                                                   2.052E-07
                                  1.900E-09
2.101E-09
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                 7.790E-08
8.518E-08
                                                  8.874E-08
                                                                  0.000E+00
                                                                                                  0.000E+00
                                                  9,813E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0,000E+00
                                                                                                                                    2.259E-07
       294
                                                                                  4.346E-08
4.528E-08
                  9.078E-08
                                  2,255E-09
                                                  1.053E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.418E-07
2.512E-07
                                                                                                                                                                   0.000E+00
                                  2.350E-09
2.322E-09
                                                                  0.000E+00
                 9.379E-08
9.207E-08
                                                  1.098E-07
1.085E-07
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                  0.000E+00
                                                                                  4.472E-08
                                                                                                   0.000E+00
                                                                                                                                   2.476E-07
                                                                                                                   0.000E+00
       297
                                                                                  4.171E-08
3.886E-08
3.500E-08
                                 2.167E-09
2.019E-09
                                                  1,012E-07
9,430E-08
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                   2.309E-07
                 8.580E-08
                                                                                                                   0,000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                   2.148E-07
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                 7.963E-08
7.156E-08
       299
                                 1.818E-09
                                                  8.495E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   1,933E-07
                                                                                                                                                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                   11/07/95
                                                                                                                                                                 09:51:16
                                                                                                                                                                                   Page -
                                                                                                                                   1.744E-07
1.540E-07
                                                  7.668E-08 0.000E+00
                                                                                                                   0.000E+00
                                                                                  3.159E-08
2.787E-08
                                                                                                 0.000E+00
                                                                                                                                                                   0.000E+00
                 6,454E-08
                                 1.641E-09
                                                  6.764E-08
6.021E-08
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                  5.703E-08
                                  1.448E-09
                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
       302
                                                                                  2.481E-08
2.729E-08
                                                                                                  0.000E+00
0.000E+00
       303
                 5.080E-08
                                  1.289E-09
                                                                                                                                   1.371E-07
                                                                                                                                                                   0.000E+00
                                  1.421E-09
                                                  6.639E-08
7.168E-08
7.884E-08
                                                                                                                                   1.495E-07
                                                                                                                                                                   0.000E+00
                 5.442E-08
       304
                  5.866E-08
                                  1.534E-09
                                                                  0.000E+00
                                                                                  2.947E-08
3.242E-08
3.568E-08
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   1,613E-07
1.779E-07
1.961E-07
                                                                                                                                                                   0.000E+00
                 6.494E-08
7.187E-08
                                  1.687E-09
1.856E-09
                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
       306
                                                  8.672E-08
       307
                                                                                 3.568E-U8
3.87E-08
4.172E-08
4.579E-08
4.904E-08
5.155E-08
5.174E-08
5.136E-08
                                                  9.441E-08
1.012E-07
1.110E-07
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   2.142E-07
2.307E-07
2.542E-07
                  7.890E-08
                                  2.021E-09
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                  2.167E-09
2.376E-09
       309
                 8 562E-08
                 9.508E-08
                                                                                                                                                                   0.000E+00
       310
                                                  1.188E-07
1.204E-07
1.247E-07
                                  2.543E-09
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.729E-07
                                                                                                                                                                   0.000E+00
                  1.026E-07
                 1.055E-07
                                  2.578E-09
2.671E-09
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   2.782E-07
2.884E-07
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                 1.094E-07
                  1.102E-07
                                  2.680E-09
                                                  1.251E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                   2.898E-07
                                                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   2.882E-07
2.728E-07
                                                                                                                                                                   0.000E+00
                 1.100E-07
                                 2.659E-09
2.514E-09
                                                  1.242E-07
1.174E-07
                                                                  0.000E+00
                                                                                                  0.000E+D0
                                                                                  4.856E-08
4.386E-08
3.912E-08
3.628E-08
                                                                  0.000E+00
                                                                                                   0.000E+D0
                 1,044E-07
       316
                                                  1.059E-07
9.448E-08
8.761E-08
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                  9.487E-08
                                  2.269E-09
                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.469E-07
                                                                                                                                                                   0.000E+00
                                                                                                                                   2.204E-07
2.045E-07
                                 2.024E-09
1.877E-09
                 8.474E-08
7.870E-08
                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
       318
                                                                                                                                                                   0.000E+00
       319
                                                  0.790E-08
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                  3.638E-08
3.990E-08
4.376E-08
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   2.047E-07
                                  1.803E-09
                                                                                                                   0.000E+00
                                                                                                                                                              D
                                                                                                                                                                   0.000E+00
                                                                                                                                   2.236E-07
2.444E-07
                                                  9,648E-08
                                 2.066E-09
2.268E-09
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
       321
                 8.520E-08
                 9.250E-08
                                                  1,059E-07
                                                                                                                                                                   0.000E+00
       322
                                                                                 4.684E-08
4.812E-08
4.644E-08
                 9.831E-08
                                  2.429E-09
                                                  1.134E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.610E-07
                                                                                                                                                              D
                                                                                                                                                                   0.000E+00
                                                                                                                                   2.676E-07
2.578E-07
                                                  1.166E-07
1.126E-07
                                                                                                                                                                   0.000E+00
       324
                 1.004E-07
9.642E-08
                                 2.497E-09
2.410E-09
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
       325
                                                                                  4.337E-08
3.932E-08
3.533E-08
                                                                                                                                   2.406E-07
2.180E-07
1.958E-07
                                                                                                   0.000E+00
                                  2,251E-09
                                                  1.051E-07
                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                  2.041E-09
                                                  9.535E-08
8.570E-08
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
       327
                 0.130E-08
                                  1.835E-09
                                                                                                                                                                   0.000E+00
                 7.289E-08
       328
                                                                                  3.098E-08
2.748E-08
2.490E-08
                                  1.608E-09
                                                  7.513E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    1.717E-07
                                                                                                                                                                   0.000E+00
                 6.400E-08
                                                                                                                                   1.523E-07
1.380E-07
                                  1.427E-09
1.293E-09
                                                  6.665E-08
6.040E-08
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
                                                                                                                   0.000E+00
0.000E+00
       330
                  5.678E-08
                                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                 5,136E-08
       331
                                                                                  2.241E-08
2.779E-08
3.119E-08
                                                                                                                                   1.242E-07
1.521E-07
1.709E-07
                                  1.163E-09
                 4.626E-08
                                                  5.435E-08
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
0.000E+00
       333
                 5.524E-08
                                 1.447E-09
1.624E-09
                                                  6.760E-08
7.588E-08
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                 6.217E-08
       334
                                  1.751E-09
                                                  8.181E-08
                                                                  0.000E+00
                                                                                  3.364E-08
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    1.844E-07
                                                                                                                                                                   0.000E+00
       335
                 6.716E-08
                                                                                  3.738E-08
4.158E-08
4.546E-08
4.992E-08
5.434E-08
                                                                                                                                   2.053E-07
2.289E-07
                 7.512E-08
8.417E-08
                                  1.944E-09
2.162E-09
                                                  9.085E-08
1.010E-07
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
       337
                                  2.36ZE-09
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.510E-07
2.769E-07
                                                                                                                                                                   0.000E+00
                                                                  0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
       339
                 1.033E-07
                                  2.591E-09
                                                  1.210E-07
                                                                                                                                                                   0.000E+DD
                 1.136E-07
1.192E-07
                                  2.819E-09
                                                  1.317E-07
                                                                                                                                   3,024E-07
                                                                                                                                                                   0.000E+00
       340
                                  2.916E-09
                                                  1.362E-07
                                                                  0.000E+00
                                                                                   5.627E-08
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   3.146E-07
                                                                                                                                                                   0.000E+00
                                                                                  5.845E-08
5.919E-08
                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   3.271E-07
3.317E-07
                                                                                                                                                                   0.000E+00
0.000E+00
                 1.242E-07
                                  3.028E-09
                                                  1.414E-07
                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                  3.065E-09
                 1.263E-07
                                                  1.431E-07
                                                                                   5.834E-08
5.428E-08
                                  3.020E-09
                                                  1.410E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                   3.275E-07
                 1,251E-07
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                 1,169E-07
                                  2.809E-09
                                                  1.312E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   3.052E-07
                                                                                                                                                                   0.000E+00
                                                                                  4.829E-08
4.380E-08
                                  2.498E-09
2.266E-09
                                                  1.166E-07
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                 1,046E-07
                                                                  0.000E+00
                                                                                                                                   2.720E-07
                 9.497E-08
                                                                  0.000E+00
                                                  1.058E-07
                                                                                                                   0.000E+00
                                                                                                                                    2,468E-07
                                                                                                                                                                   0.000E+00
       347
                 8.997E-08
                                  2.141E-09
                                                                  0.000E+00
                                                                                   4.140E-08
                                                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                                   2.335E-07
                                                                                                                                                                   0.000E+00
       348
                 9.459E-08
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                  4.401E-08
4.830E-08
5.180E-08
                                                                                                                                   2.472E-07
2.703E-07
                                  2.278E-09
                                                  1.064E-07
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                  1.169E-07
1.254E-07
                                                                                                                   0.000E+00
                 1.027E-07
1.091E-07
                                 2.502E-09
2.685E-09
                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
       350
                                                                                                                                   2.890E-07
2.954E-07
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                   5.306E-08
                 1.111E-07
                                 2.752E-09
                                                  1.285E-07
                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
IT 11/07/95 09:51:16 Page - 178
                                                                  0.000E+00 5.084E-08
                                                                                                   0.000E+00
                                                                                                                   0.000E+00 2.827E-07
                                                                                                                                                                   0.000E+00
       354
                 9.653E-08
8.615E-08
                                 2.402E-09
2.147E-09
                                                  1.122E-07
1.003E-07
                                                                  0.000E+00
0.000E+00
                                                                                 4.629E-08
4.138E-08
                                                                                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   2.574E-07
2.300E-07
                                                                                                                                                                   0.000E+00
                                                                                                                                                                   0.000E+00
       355
                                                  8.891E-08
                                                                  0.000E+00
                                                                                  3.668E-08
                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   2.037E-07
       356
                 7.626E-08
                                  1.903E-09
                                                                                                                                                                   0.000E+00
                 6.670E-08
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                  3.207E-08
2.824E-08
2.532E-08
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                  1,664E-09
                                                  7.773E-08
6.845E-08
                                                                                                                                    1.782E-07
                                                                                                                                                                   0.000E+00
                                  1.465E-09
1.314E-09
                                                                                                                                                                   0.000E+00
                                                                                                                                    1,569E-07
                 5.873E-08
       358
                 5.258E-08
                                                  6.137E-08
                                                                                                                                    1,406E-07
                                                                                                                                                                   0.000E+00
       359
                                  1.177E-09
1.072E-09
1.489E-09
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                  5,499E-08
5,005E-08
                 4.711E-08
                                                                                  2.269E-08
                                                                                                                   0,000E+00
                                                                                                                                    1,260E-07
                                                                                                                                                                   0.000E100
                                                                                  2.065E-08
2.859E-08
                                                                                                                                   1.146E-07
1.564E-07
1.750E-07
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                 4.281E-08
       361
                                                  6.958E-08 0.000E+00 2.859E-08
7.776E-08 0.000E+00 3.196E-08
8.729E-08 0.000E+00 3.589E-08
       362
                 5.670E-08
                                                                                                                                                                   0.000E+00
                 6.358E-08
```

0.000E+00

0.000E+00

0-000E+00

1.966E-07

0.000E+00

0.000E+00

1,664E-09

1.868E-09

7 154E-08

```
2.141E-07
2.423E-07
2.726E-07
                                  2.029E-09
2.292E-09
2.569E-09
                                                    9.483E-08
1.071E-07
1.200E-07
                                                                   0.000E+00
0.000E+00
0.000E+00
                 7,821E-08
       365
                                                                                      4.407E-08
4.943E-08
5.495E-08
                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0,000E+00
                 8.886E-08
1.006E-07
1.133E-07
       366
                                                                                                       0.000E+00
                                                                                                                         0.000E±00
       367
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.044E-07
                                                                                                                                                                           0.000E+00
                                                    1.333E-07
                                                                     0.000E+00
                                   2.853E-09
       368
                                                                                                       0.000E+00
                                                                                                                                          3.353E-07
3.583E-07
                                                                     0.000E+00
                                                                                      6.027E-08
                                                                                                                         0.000E+00
                                                                                                                                                                      n
                                                                                                                                                                           0.000E+00
                                                    1.460E-07
                  1.259E-07
                                   3.127E-09
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                   3,323E-09
                                                    1.552E-07
                                                                                      6.412E-08
6.688E-08
                                                                                                       0.00E+00
                                                                                                                         0 000E+00
                 1.357E-07
       370
                                                                                                                                          3.743E-07
                                                                                                                                                                           0.0002+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                  1.422E-07
                                   3.464E-09
3.525E-09
                                                    1.618E-07
1.646E-07
                                                                                      6.688E-08
6.807E-08
6.664E-08
6.100E-08
5.435E-08
4.980E-08
5.402E-08
5.803E-08
5.734E-08
5.734E-08
4.556E-08
3.949E-08
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.818E-07
                                                                                                                                                                      0
                                                                                                                                                                           0.000E+00
                 1.456E-07
       372
                                                                                                                                          3.743E-07
                                                                                                                                                                           0.000E+00
                                                    1.611E-07
1.474E-07
1.312E-07
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                   3.450E-09
                                                                                                       0.000E+00
                  1.432E-07
       373
                                                                                                       0.000E+00
                                                                                                                                         3.433E-07
3.064E-07
                                                                                                                                                                           0.000E+00
                                   3.157E-09
2.811E-09
                  1.317E-07
                                                                                                       0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                  1 180E-07
       375
                                                                     0.000E+00
0.000E+00
                                                                                                                                          2.810E-07
                                   2.576E-09
2.576E-09
2.797E-09
                                                    1.203E-07
1.203E-07
1.306E-07
                  1.083E-07
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          2.806E-07
                                                                                                                                                                           0.000E+00
                  1.079E-07
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                          3.030E-07
                  1.156E-07
                                                                     0.000E+00
       378
                                                                                                                                          3.243E-07
                                                                     0.000E+00
0.000E+00
                  1.228E-07
                                   3.007E-09
                                                    1.405E-07
1.443E-07
       379
                                   3.090E-09
2.974E-09
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.322E-07
                                                                                                                                                                      n
                                                                                                                                                                           0.000E+00
                  1.252E-07
       380
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                         3.192E-07
2.884E-07
                                                                                                       0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                    1.389E-07
                                                                     0.000E+00
                 1.199E-07
       381
                                                                     0.000E+00
0.000E+00
0.000E+00
                  1.083E-07
                                   2.688E-09
                                                    1.255E-07
       382
                                                    1.104E-07
9.569E-08
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          2.535E-07
                                                                                                                                                                      0
                                                                                                                                                                           0.000E+00
                                   2.363E-09
2.049E-09
                 9.521E-08
8.252E-08
                                                                                                                                                                           0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0,000E+00
                                                                                                                                          2.198E-07
                                                                                                                                                                      ۵
       384
                                                                                      3.949E-08
3.400E-08
2.979E-08
2.630E-08
2.338E-08
2.111E-08
1.904E-08
2.997E-08
3.291E-08
                                                                                                                         0.000E+00
                                                                                                                                          1.892E-07
                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                                   1.764E-09
1.545E-09
1.364E-09
                                                    8.237E-08
7.218E-08
                                                                                                       0.000E+00
0.000E+00
                  7,109E-08
       385
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1.658E-07
                  6.224E-08
5.488E-08
                                                    6.372E-08
5.665E-08
5.117E-08
                                                                                                                                          1.463E-07
1.300E-07
                                                                                                       0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
       387
                                                                                                                                                                           0.000E+00
                  4.873E-08
                                   1.213E-09
                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          1,173E-07
                                                                                                                                                                      0
                                                                                                                                                                           0.000E+00
                                   1.095E-09
9.879E-10
       389
                  4.392E-08
3.956E-08
                                                                                                                                          1.057E-07
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                                                    4.615E-08
                                                                                                       0.000E+00
0.000E+00
       390
                                                                                                                                          1.632E-07
1.800E-07
                                   1.556E-09
1.713E-09
1.930E-09
                                                    7.272E-08
8.008E-08
                                                                                                                                                                           0.000E+00
                  5.906E-08
                                                                                                                                                                           0.000E+00
                                                                                                       D.000E+00
                                                                                                                                                                      O
                  6.534E-08
7.390E-08
       392
                                                                                                                                         2.031E-07
2.300E-07
2.574E-07
2.937E-07
3.333E-07
                                                                                      3.291E-08
3.708E-08
4.196E-08
4.684E-08
5.332E-08
6.026E-08
6.783E-08
7.389E-08
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                    9.021E-08
                                                                                                       0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
       393
                                                                                                                                                                           0.000E+00
                                   2.184E-09
2.436E-09
2.772E-09
                  8.377E-08
                                                    1.021E-07
1.138E-07
                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                                           0.000E+00
                  9.431E-08
1.081E-07
                                                                                                                                                                           0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                    1.295E-07
                                                                     0.000E+00
       396
                                                                                                                                                                           0.000E+00
                  1.236E-07
1.413E-07
1.561E-07
                                   3.130E-09
3.519E-09
                                                                     0.000E+00
                                                    1.462E-07
                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.770E-07
4.127E-07
                                                                                                                                                                           0.000E+00
                                                    1.644E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                   3.830E-09
                                                    1.789E-07
       399
                                                                                                       0.000E+00
                                                                                                                                          4.353E-07
                                                                                                                                                                           0.000E+00
                                                    1.880E-07
                  1.655E-07
                                   4.027E-09
                                                                                      7.981E-08
7.744E-08
6.977E-08
6.318E-08
                                                                                                                                          4.480E-07
4.352E-07
                  1.711E-07
                                   4.132E-09
                                                    1.929E-07
                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
       401
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                    1.871E-07
1.685E-07
                                                                     0.000E+00
0.000E+00
                  1.666E-07
                                   4.008E-09
       402
                                                                                                                         0.000E+00
                                                                                                                                          3.929E-07
                                                                                                                                                                      ń
                                                                                                                                                                           0.000E+00
                  1.510E-07
                                   3.610E-09
3.267E-09
       403
                                                                                                                                                                      П
                                                    1.525E-07
                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          3.563E-07
                                                                                                                                                                           0.000E+00
                  1.373E-07
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **
Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             1.425E-07 0.000E+00
1.493E-07 0.000E+00
1.605E-07 0.000E+00
1.658E-07 0.000E+00
                                                                                                                                          3.332E-07
3.475E-07
3.715E-07
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                      5.902E-08
                                                                                                       0.000E+00
                                   3.052E-09
3.196E-09
                  1.287E-07
                                                                                      6.180E-08
6.635E-08
6.850E-08
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                  1.332E-07
1.412E-07
       406
                                                                                                                                                                           0.000E+00
       407
                                   3.437E-09
                                                                                                                                          3.823E-07
3.656E-07
3.270E-07
                  1.444E-07
1.376E-07
1.231E-07
                                   3.551E-09
                                                                                                                         0.000E+00
                                                                                                                                                                      Ω
                                                                                                                                                                           0.000E+00
       408
                                                                                                                                                                           0.000E+00
                                                                                       6.561E-00
5.869E-08
5.102E-08
                                                                                                                         0.00DE+00
0.000E+00
                                   3.402E-09
                                                    1.589E-07
                                                                      0.000E+00
                                                                                                       0.000E+00
       409
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                                    1.421E-07
1.236E-07
                                   3.044E-09
       410
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                          2.842E-07
                                   2.646E-09
2.251E-09
                  1.070E-07
                                                                                                                                          2.419E-07
2.063E-07
                  9.105E-08
7.767E-08
                                                                                      4.341E-08
3.702E-08
3.190E-08
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                     1.051E-07
                                                                      0.000E+00
       412
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                                    8.966E-08
7.727E-08
                                                                     0.000E+00
0.000E+00
                                   1.920E-09
                                                                                                                                          1.777E-07
1.544E-07
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                  6.687E-08
5.802E-08
5.122E-08
                                   1.654E-09
1.438E-09
                                                    6.717E-08
5.941E-08
                                                                                      2.773E-08
2.452E-08
2.187E-08
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                                                         0.000E+00
       415
                                                                                                                         0.000E+00
                                                                                                                                           1.364E-07
                                                                                                                                                                           0.000E+00
                                                                     0.000E+00
0.000E+00
                                   1.272E-09
                                                                                                                         0.000E+00
                                                                                                                                          1.216E-07
1.072E-07
                                                                                                                                                                           0.000E+00
0.000E+00
                                   1.134E-09
9.997E-10
                                                    5.299E-08
                  4.560E-08
                  4.019E-08
3.514E-08
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                     4.669E-08
                                                                      0.000E+00
                                                                                       1.927E-08
                                                                                                                                           9.359E-08
                                                                                                                                                                            0.000E+00
                                                    4.076E-08
7.586E-08
                                                                     0.000E+00
0.000E+00
                                                                                       1.682E-08
3.115E-08
                                   8.727E-10
                                                                                                                                          1.700E-07
                                                                                                                         0.000E+00
                                                                                                                                                                           0.000E+00
                                   1.623E-09
1.809E-09
                  6.132E-08
                                                                                                                                          1.897E-07
                                                                                                                                                                           0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                  6.861E-08
7.742E-08
8.773E-08
                                                                                                                         0.000E+00
0.000E+00
                                                     B.454E-08
                                                                      0.000E+00
                                                                                       3,473E-08
       421
                                                                                                                                           2,133E-07
                                                                                                                                                                            0.000E+0D
                                                                                      3.899E-08
4.396E-08
4.977E-08
                                   2.030E-09
                                                     9.487E-08
                                                                     0.000E+00
0.000E+00
                                                    1.069E-07
1.210E-07
                                                                                                                         0.000E+00
                                                                                                                                          2.409E-07
2.732E-07
                                                                                                                                                                            0.000E+00
                                   2.288E-09
2.590E-09
                                                                                                                                                                            0.000E+00
                  9,978E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                                       0.000E+00
       424
                                                                                       5.734E-08
6.608E-08
7.667E-08
                                                                                                                                           3.156E-07
                                                                                                                                                                            0.000E+00
                                                    1,393E-07
1.604E-07
1.859E-07
                                                                                                       0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                  1.160E-07
                                   2.982E-09
       425
                                                                                                                         0.000E+00
                                                                                                                                           3.649E-07
                                                                                                                                                                       D
                                                                                                                                                                            0.000E+00
                                   3.434E-09
3.979E-09
                  1.349E-07
                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          4.256E-07
                                                                                                                                                                      n
                                                                                                                                                                           0.000E+00
                  1.591E-07
       427
                                                                                      8.618E-08
9.255E-08
9.578E-08
9.132E-08
8.239E-08
                                                                                                                                           4.808E-07
                                                                                                                                                                            0.000E+00
                  1.814E-07
                                   4.468E-09
                                                    2.087E-07
                                                                      0.000E+00
       428
                  1.973E-07
2.057E-07
                                                                                                                         0.000E+00
                                                                                                                                           5.185E-07
                                                                                                                                                                            0.000E+00
                                   4.794E-09
4.958E-09
4.726E-09
                                                    2.239E-07
2.315E-07
                                                                     0.000E+00
0.000E+00
                                                                                                                                          5.380E-07
5.135E-07
                                                                                                                         0.000E+00
                                                                                                                                                                       n
                                                                                                                                                                            0.000E+00
        430
                                                                                                                                                                            0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                  1.969E-07
                                                    2.206E-07
                                                                      0.000E+00
       431
                                                                                                                                           4.644E-07
                                                                                                                                                                       Ō
                                                                                                                                                                            0.000E+00
                                                                     U.000E+00
        432
                  1,788E-07
                                   4.262E-09
                                                     1.990E-07
                                                                                      7.531E-08
7.365E-08
7.793E-08
7.975E-08
                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                    1.818E-07
1.778E-07
                                                                      0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           4.251E-07
                                                                                                                                                                       a
                                                                                                                                                                           0.000E+00
0.000E+00
                                   3.894E-09
3.809E-09
                  1.641E-07
                                                                                                                                          4.153E-07
4.373E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                      0.000E+00
                  1.600E-07
        434
                  1.669E-07
1.689E-07
                                                                                                                                                                            0.000E+00
                                                    1.884E-07
1.930E-07
                                                                     0.000E+00
0.000E+00
                                    4.035E-09
                                                                                                                         0.000E+00
                                                                                                                                           4.458E-07
                                                                                                                                                                       n
                                                                                                                                                                            0.000E+00
                                   4.133E-09
3.982E-09
        436
                                                    1.860E-07
1.647E-07
1.412E-07
1.171E-07
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                          4.282E-07
3.794E-07
                  1.615E-07
                                                                      0.000E+00
                                                                                       7.680E-08
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
        437
                                                                                                       0.000E+00
0.000E+00
                                                                                       6.803E-08
5.832E-08
                                                                      0.000E+00
0.000E+00
                  1.431E-07
                                    3.527E-09
                                                                                                                                          3.251E-07
2.699E-07
                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                                       n
                  1.226E-07
                                   3.024E-09
2.508E-09
        439
                                                                                       4.837E-08
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                       0
                  1.019E-07
                                                                      0.000E+00
        440
                                                                                      4.064E-08
3.430E-08
2.941E-08
2.585E-08
                                                                                                       D.000E+00
D.000E+00
                                                                                                                                           2.267E-07
                  8.557E-08
7.209E-08
                                                    9.840E-08
8,307E-08
                                                                      0.000E+00
0.000E+00
                                    2.107E-09
                                                                                                                         0.000E+00
                                                                                                                                           1.912E-07
                                                                                                                                                                            0.000E+00
                                   1.779E-09
1.525E-09
                                                                                                                                                                           0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          1,638E-07
                                                                                                       0.000E+00
0.000E+00
                  6.168E-08
                                                     7.123E-08
                                                                      0.000E+00
        443
                                                                                                                                           1.439E-07
                  5.411E-08
4.712E-08
4.065E-08
                                                    6.263E-08
5.455E-08
4.696E-08
                                                                                                                                                                            0.000E+00
                                                                      0.000E+00
0.000E+00
                                    1.341E-09
                                                                                       2.252E-08
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           1.254E-07
                                                                                                                                                                            0.000E+00
                                   1.168E-09
1.005E-09
                                                                                                                         0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                       1.939E-08
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                           1.080E-07
                                                                                                                                                                            0.000E+00
        446
                                                                                                                                           9.339E-08
                                                                                       1.676E-08
1.469E-08
                  3.517E-08
                                    8.691E-10
                                                    4.059E-08
3.559E-08
                                                                      0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           8.188E-08
                                                                                                                                                                            0.000E+00
                  3.084E-08
                                    7.619E-10
                                                                                                                                           1.711E-07
1.959E-07
                                                                                       3.141E-08
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
                  6,151E-08
                                    1.637E-09
                                                     7,652E-08
                                                                      0.000E+00
                                                                                                        0.000E+00
        449
                                                                                                                                                                            0.000E+00
                                                                                                        0.000E+00
                                    1.872E-09
                                                     8.751E-08
9.876E-08
                                                                      0.000E+00
                                                                                       3.593E-08
        450
                                                                                       4.057E-08
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           2.216E-07
2.530E-07
                                                                                                                                                                       ٥
                                                                                                                                                                            0.000E+00
                                                                      0.000E+00
                  8.012E-08
9.193E-08
                                   2.113E-09
2.406E-09
                                                                                                                                                                            0.000E+00
                                                     1.125E-07
                                                                      0.000E+00
                                                                                       4.622E-08
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
       452
                                                                                                                                           2.943E-07
                                   2.794E-09
3.190E-09
3.762E-09
                                                                                       5.369E-08
6.133E-08
7.239E-08
                                                                                                                         0.000E+00
                                                                                                                                                                            0.000E+00
       453
                  1.073E-07
                                                     1,306E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                    1.490E-07
1.758E-07
                                                                      0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           3.372E-07
                                                                                                                                                                            0.000E+00
                  1.236E-07
        454
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                           3.993E-07
                                                                                                                                                                            0.000E+0D
                  1,474E-07
                                                                      0.000E+00
                                                                                                                         0.000E+00
        455
                                                                                                                         0.000E+00
                                                                                                                                           4.830E-07
                                    4.522E-09
                                                     2.113E-07
                                                                      0.000E+00
                                                                                       8.712E-08
                  1.801E-07
```

3.900E-08

0.000E+00

```
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTFUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 180
                                                                                                                                                                                                                                                                                                                                                                                                                        180
                                                                                                                                                                                                                                                                                        5.705E-07
6.301E-07
6.661E-07
6.251E-07
5.733E-07
                                                                       5.308E-09 2.479E-07 0.000E+00
5.819E-09 2.717E-07 0.000E+00
6.132E-09 2.863E-07 0.000E+00
5.745E-09 2.682E-07 0.000E+00
                                                                                                                                                                            1.024E-07
1.124E-07
1.185E-07
1.110E-07
                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                     2.149E-07
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                      2.402E-07

        2. 717E-07
        0.000E+00
        1.124E-07
        0.000E+00

        2. 682E-07
        0.000E+00
        1.185E-07
        0.000E+00

        2. 451E-07
        0.000E+00
        1.10E-07
        0.000E+00

        2. 259E-07
        0.000E+00
        1.016E-07
        0.000E+00

        2. 280E-07
        0.000E+00
        9.361E-08
        0.000E+00

        2. 314E-07
        0.000E+00
        9.568E-08
        0.000E+00

        2. 314E-07
        0.000E+00
        9.568E-08
        0.000E+00

        1. 949E-07
        0.000E+00
        8.052E-08
        0.000E+00

        1. 645E-07
        0.000E+00
        8.052E-08
        0.000E+00

        1. 338E-07
        0.000E+00
        8.052E-08
        0.000E+00

        1. 338E-07
        0.000E+00
        8.052E-08
        0.000E+00

        1. 338E-07
        0.000E+00
        5.527E-08
        0.000E+00

        1. 338E-07
        0.000E+00
        4.533E-08
        0.000E+00

        7. 681E-08
        0.000E+00
        3.731E-08
        0.000E+00

        5.70E-08
        0.000E+00
        2.713E-08
        0.000E+00

        4. 749E-08
        0.000E+00
        1.508E-08
        0.000E+00

                458
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
                                       2.552E-07
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                     2.401E-07
2.214E-07
                                                                                                                                                                                                                   0.000E+00
                 460
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                         5.251E-09
                 461
                                                                                                                                                                                                                                                                                         5.291E-07
5.313E-07
5.359E-07
                                                                        4.839E-09
4.884E-09
4.956E-09
4.749E-09
4.174E-09
3.519E-09
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                       2.047E-07
                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                 463
                                      2 040E-07
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                       2.039E-07
                 464
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                        5.116E-07
4.494E-07
3.788E-07
3.087E-07
2.531E-07
2.082E-07
1.768E-07
1.512E-07
1.095E-07
                                                                                                                                                                                                                                                                                          5.116E-07
                                       1.934E-07
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   n
                                       1.697E-07
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                       1.431E-07
                 467
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                      1.168E-07
9.564E-08
7.858E-08
                                                                        2.865E-09
2.350E-09
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                         1.934E-09
                 470
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                        1.645E-09
1.407E-09
1.193E-09
                                       6.665E-08
                                       5.697E-08
4.841E-08
                 472
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                        1.283E-07
1.095E-07
9.477E-08
8.421E-08
7.677E-08
1.767E-07
2.004E-07
2.285E-07
2.643E-07
3.649E-07
4.403E-07
5.435E-07
6.976E-07
8.073E-07
                 473
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                        1.017E-09
8.800E-10
7.817E-10
7.125E-10
                                       4.134E-08
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                      3.581E-08
3.184E-08
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
                                       2.903E-08
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                       6.339E-08
7.206E-08
                                                                         1.694E-09
                 478
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                                                         1.918E-09
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                       2.184E-09
2.521E-09
                                       8.239E-08
9.555E-08
                 481
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                       1.120E-07
1.333E-07
1.622E-07
                                                                        2.927E-09
3.458E-09
4.153E-09
                 482
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                 484
                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
                                       2.020E-07
                                                                         5.100E-09
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                      2.622E-07
3.112E-07
                                                                         6.500E-09
7.402E-09
                 486
                 487
                                                                                                                                                                                                                                                                                        7.391E-07
6.900E-07
6.827E-07
                                                                                                                                                                                                                                                                                                                                                    ß
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                      2.861E-07
2.663E-07
                                                                         6.758E-09
6.322E-09
                 489
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                       2.610E-07
2.385E-07
                                                                         6.294E-09
                 490
                                                                                                                                                                                                                                                                                          6.288E-07
5.421E-07
4.515E-07
                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                          5.826E-09
                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                 492
                                       2.052E-07
                                                                         5.029E-09
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                       1.709E-07
                                                                          4.188E-09
                 493
                                                                                                                                                                                                                                                                                        3.584E-07
2.829E-07
2.308E-07
1.917E-07
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                       1.358E-07
1.071E-07
                                                                        3.322E-09
2.624E-09
2.143E-09
1.781E-09
                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                       8.727E-08
7.241E-08
                 496
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                                                                                                                                                                                         1.592E-07
1.592E-07
1.325E-07
1.131E-07
9.967E-08
9.013E-08
                                                                         1.477E-09
1.228E-09
                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                       6.023E-08
5.021E-08
                 498
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  499
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                         1.048E-09
9.234E-10
                                       4.288E-08
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                                       3.780E-08
3.420E-08
                  5n 1
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                         8.347E-10
                  502
                                                                                                                                                                                                                                                                                           8.289E-08
7.726E-08
1.728E-07
                                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                                                                    n
                                                                         7.675E-10
7.153E-10
                                       3,147E-08
                  503
                                                                                                                                                                                                                                                       0.000E+00
0.000E+00
                  504
                                       2.933E-08
                                                                                                                                                                                                                                                                                                                                                    n
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  505
                                       6.207E-08
                                                                         1.654E-09
                                                                                                                                                                                                                                                                                          2.019E-07
2.353E-07
                                                                                                                                                                                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                                                                    ۵
                                       7.247E-08
                                                                         1.934E-09
2.252E-09
                  506
                                                                                                                                                                                                                                                        0.000E+00
                 507
                                       8.462E-08 2.252E-09
9.793E-08 2.588E-09
                                                                                                                                                                                                                                                        0.000E+00 2.712E-07
                                                                                                                                                                                                                                                                                                                                                    П
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                  * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                    Name | Section |
                                                                                                                                                                                                                                                                                                                          11/07/95
                                                                                                                                                                                                                                                                                                                                                                                                                          181
                                                                                                                                                                                                                                                                                                                                                              09:51:16
                                                                                                                                                                                                                                                                                                                                                                                                Page -
 Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  510
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  513
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                  516
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                  521
                                                                                                                                                                                                                                                                                                                                                               0.000E+00
                  522
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                  523
                  525
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  526
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                  528
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  529
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                  531
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  532
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  534
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  535
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                   536
                  537
                                                                                                                                                                                                                                                                                                                                                               0.000E+00
                  538
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                  540
                                                                                                                                                                                                                                                                                                                                                               0.000E+00
                  541
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                                               0.000E+00
                  543
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
                  544
                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
```

```
6.623E-08 0.000E+00 2.739E-08
5.792E-08 0.000E+00 2.395E-08
5.185E-08 0.000E+00 2.144E-08
4.709E-08 0.000E+00 1.947E-08
4.323E-08 0.000E+00 1.787E-08
                                                                                                                                                                                                                                                                                                                                  1.535E-07
1.342E-07
1.201E-07
                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
                                           5.849E-08
5.109E-08
                                                                                  1.418E-09
1.240E-09
                                                                                                                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
                  548
                                                                                                                                                                                                                                                                                            0.000E+00
                                            4.567E-08
                                                                                    1.110E-09
                                                                                                                                                                                                                                                  0 000E+00
                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                    1.090E-07
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                            4.142E-08
                                                                                   1 008E-09
                                                                                                                                                                                                       1.947E-08
1.767E-08
1.654E-08
1.540E-08
1.441E-08
2.571E-08
3.052E-08
3.721E-08
4.459E-08
5.479E-08
                                                                                                                                                                                                                                                                                                                                   1.000E-07
9.256E-08
                                                                                                                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                    9.258E-10
                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                  551
552
                                           3.800E-08
                                                                                  8.570E-10
7.982E-10
7.470E-10
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                            4.002E-08
                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                    8.616E-08
                                            3.268E-08
                                                                                                                           3.727E-08
3.488E-08
                                                                                                                                                                                                                                                                                                                                   8.057E-08
                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                            3 053E-08
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                   1.396E-07
                                                                                                                           6.270E-08
7.438E-08
                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                    1.341E-09
                                                                                                                                                                   0.000E+00
                                            4.983E-08
                   555
                                                                                                                                                                                                                                                                                                                                   1.660E-07
2.026E-07
2.429E-07
                                                                                                                                                                                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                   1.591E-09
1.940E-09
                                            5.951E-08
7.275E-08
                                                                                                                           9.067E-08
1.086E-07
                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                   557
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                            8.736E-08
                                                                                  2.324E-09
                   558
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                     0 0.000E+00
0 0.000E+00
                                                                                  2.855E-09 1.335E-07
3.583E-09 1.675E-07
                                                                                                                                                                                                                                                                                                                                   2.986E-07
                                            1.075E-07
                                                                                                                                                                                                                                                                                            0.000E+00 3.761E-07
                                            1.362E-07
                                                                                                                                                                   0.000E+00 6.881E-08
                                                                                                                                                                                                                                               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                                                                                                                                                                                       11/07/95
                                                                                                                                                                                                                                                                                                                                                                                                                09:51:16
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Page ·
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                 6.443E-09 3.010E-07 0.000E+00 1.240E-07 0.000E+00 1.077E-08 5.028E-07 0.000E+00 2.075E-07 0.000E+00 3.023E-08 1.411E-06 0.000E+00 5.845E-07 0.000E+00 3.699E-08 1.728E-06 0.000E+00 7.112E-07 0.000E+00 7.069E-09 3.301E-07 0.000E+00 6.292E-07 0.000E+00 4.487E-09 2.095E-07 0.000E+00 1.364E-07 0.000E+00 4.487E-09 2.095E-07 0.000E+00 8.664E-08 0.000E+00 3.122E-09 1.458E-07 0.000E+00 6.029E-08 0.000E+00 2.327E-09 1.087E-07 0.000E+00 4.495E-08 0.000E+00 1.884E-09 8.798E-08 0.000E+00 3.639E-08 0.000E+00 1.60E-09 8.798E-08 0.000E+00 3.103E-08 0.000E+00 1.60E-09 8.798E-08 0.000E+00 3.103E-08 0.000E+00 1.60E-09 8.798E-08 0.000E+00 3.103E-08 0.000E+00 0.000E+00
                                            2.519E-07
4.326E-07
                                                                                                                                                                                                                                                                                            0.000E+00 6.834E-07
0.000E+00 1.154E-06
0.000E+00 3.296E-06
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                   562
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                    3.914E-06
                                            1.437E-06
1.244E-06
                                                                                                                                                                                                                                                                                                                                   3.437E-06
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                  3.437E-06
7.630E-07
4.856E-07
3.382E-07
2.524E-07
1.740E-07
1.531E-07
1.365E-07
1.234E-07
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                            2.894E-07
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            1.850E-07
1.291E-07
                   568
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                            9.640E-08
7.791E-08
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                 0.000E+00 3.639E-08 0.000E+00

0.000E+00 3.103E-08 0.000E+00

0.000E+00 2.731E-08 0.000E+00

0.000E+00 2.436E-08 0.000E+00

0.000E+00 2.202E-08 0.000E+00

0.000E+00 1.818E-08 0.000E+00

0.000E+00 1.649E-08 0.000E+00

0.000E+00 1.495E-08 0.000E+00

0.000E+00 1.358E-08 0.000E+00

0.000E+00 2.155E-08 0.000E+00

0.000E+00 2.558E-08 0.000E+00

0.000E+00 2.558E-08 0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                            6.634E-08
                                                                                    1.607E-09
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                    1.414E-09
1.261E-09
1.141E-09
                                             5.834E-08
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            5.201E-08
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                   574
                                            4,695E-08
                                                                                                                                                                                                                                                                                                                                   1.234E-07
1.120E-07
1.017E-07
9.222E-08
8.358E-08
                                                                                   1.036E-09
9.418E-10
8.543E-10
7.747E-10
7.036E-10
1.125E-09
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                            4.257E-08
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                            3.862E-08
3.498E-08
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                            3.618E-08
3.286E-08
                                            3.168E-08
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                    7.586E-08
1.168E-07
                                            2.873E-08
                   579
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                            5.258E-08
6.243E-08
7.359E-08
                   580
                                             4.156E-08
                                                                                                                                                                                                                                                                                                                                   1.168E-07
1.385E-07
1.635E-07
1.988E-07
2.564E-07
3.363E-07
6.700E-07
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00 2.558E-08 0.000E+00

0.000E+00 3.017E-08 0.000E+00

0.000E+00 4.766E-08 0.000E+00

0.000E+00 4.766E-08 0.000E+00

0.000E+00 6.166E-08 0.000E+00

0.000E+00 1.219E-07 0.000E+00

0.000E+00 2.164E-07 0.000E+00

0.000E+00 5.973E-07 0.000E+00

0.000E+00 1.466E-07 0.000E+00

0.000E+00 3.16E-08 0.000E+00

0.000E+00 4.293E-08 0.000E+00

0.000E+00 4.293E-08 0.000E+00

0.000E+00 3.617E-08 0.000E+00

0.000E+00 3.166E-08 0.000E+00
                                                                                    1.335E-09
1.574E-09
                                             4.916E-08
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                            5.821E-08
                   582
                                                                                                                          7.359E-08
8.909E-08
1.146E-07
1.502E-07
2.963E-07
5.100E-07
1.452E-06
3.410E-07
1.278E-07
1.278E-07
8.744E-08
7.509E-08
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                             7.123E-08
                                                                                    1.906E-09
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                    2.453E-09
3.213E-09
                   584
                                            9.228E-08
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
                                            1.213E-07
                   585
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                             2.455E-07
                                                                                    6.340E-09
1.092E-08
3.107E-08
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                    1.168E-06
3.283E-06
                                            4.368E-07
1.203E-06
                    587
                                                                                                                                                                                                                                                                                                                                   7.818E-07
3.954E-07
2.971E-07
2.411E-07
2.030E-07
1.741E-07
                    588
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                    7.300E-09
3.639E-09
2.737E-09
                                             2.929E-07
                                            1.516E-07
1.137E-07
                   590
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                   591
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                    2.222E-09
1.873E-09
                                             9.217E-08
                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                             7.751E-08
                   593
                                                                                                                                                                     0.000E+00 3.106E-08 0.000E+00
0.000E+00 2.689E-08 0.000E+00
0.000E+00 2.337E-08 0.000E+00
                                             6.637E-08
                                                                                     1.608E-09
                    594
                                                                                                                                                                                                                                                                                                                                     1.507E-07
1.308E-07
1.142E-07
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                            6.504E-08
5.652E-08
4.935E-08
                                             5.732E-08
                                                                                     1.393E-09

        5.652E-08
        0.000E+00
        2.337E-08
        0.000E+00
        0.000E+00
        1.308E-07

        4.935E-08
        0.000E+00
        2.040E-08
        0.000E+00
        0.000E+00
        1.142E-07

        4.344E-08
        0.000E+00
        1.795E-08
        0.000E+00
        0.000E+00
        1.004E-07

        3.852E-08
        0.000E+00
        1.592E-08
        0.000E+00
        0.000E+00
        8.903E-08

        3.456E-08
        0.000E+00
        1.428E-08
        0.000E+00
        0.000E+00
        7.987E-08

        3.120E-08
        0.000E+00
        1.289E-08
        0.000E+00
        0.000E+00
        7.987E-08

        3.120E-08
        0.000E+00
        1.778E-08
        0.000E+00
        0.000E+00
        7.210E-08

        2.849E-08
        0.000E+00
        1.778E-08
        0.000E+00
        0.000E+00
        6.586E-08

        4.381E-08
        0.000E+00
        1.799E-08
        0.000E+00
        0.000E+00
        6.586E-08

        5.111E-08
        0.000E+00
        2.098E-08
        0.000E+00
        0.000E+00
        1.432E-07

        6.202E-08
        0.000E+00
        2.545E-08
        0.000E+00
        0.000E+00
        1.385E-07

        7.599E-08
        0.000
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                             0.000E+00
                                            4.972E-08
4.335E-08
                                                                                    1.210E-09
                                                                                     1,057E-09
                    597
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                             3.810E-08
                                                                                     9.302E-10
                                                                                                                                                                                                                                                                                                                                    8.903E-08
7.987E-08
7.210E-08
6.586E-08
9.802E-08
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                            3.376E-08
3.028E-08
2.734E-08
2.498E-08
                                                                                    8.248E-10
7.401E-10
                    600
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                     6.680E-10
                   601
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
                                                                                    6.101E-10
9.373E-10
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                             3.528E-08
                    603
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                              4.110E-08
                                                                                     1.093E-09
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                            4.974E-08
6.078E-08
7.594E-08
                                                                                     1.327E-09
1.626E-09
                    606
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                     2.043E-09
                   607
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                    2.683E-09
3.811E-09
                                              9.975E-08
                                            1.436E-07
3.781E-07
                    609
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                     9.103E-09
                    610
                                                                                                                                                                                                                                                                                                                                                                                                       0 0.000E+00
0 0.000E+00
                                             1.958E-07 4.705E-09
1.354E-07 3.268E-09
                                                                                                                                                                                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
UT 11/07/95 09:51:16 Page - 183
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Page - 183
                                           | 1.039E-07 | 2.515E-09 | 1.174E-07 | 0.000E+00 | 3.872E-08 | 0.000E+00 | 0.000E+00 | 2.724E-07 | 0.736E-08 | 1.636E-09 | 7.641E-08 | 0.000E+00 | 3.872E-08 | 0.000E+00 | 0.000E+00 | 2.170E-07 | 0.736E-08 | 1.375E-09 | 6.419E-08 | 0.000E+00 | 2.654E-08 | 0.000E+00 | 0.000E+00 | 1.770E-07 | 0.653E-08 | 1.375E-09 | 6.419E-08 | 0.000E+00 | 2.654E-08 | 0.000E+00 | 0.000E+00 | 1.770E-07 | 0.653E-08 | 1.375E-09 | 6.419E-08 | 0.000E+00 | 2.654E-08 | 0.000E+00 | 0.000E+00 | 1.487E-07 | 0.256E-08 | 1.033E-09 | 4.825E-08 | 0.000E+00 | 2.275E-08 | 0.000E+00 | 0.000E+00 | 1.275E-07 | 0.256E-08 | 1.033E-09 | 4.825E-08 | 0.000E+00 | 1.995E-08 | 0.000E+00 | 0.000E+00 | 1.118E-07 | 0.799E-08 | 0.200E-10 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.977E-08 | 0.348E-08 | 3.438E-08 | 3.45E-10 | 3.897E-08 | 0.000E+00 | 1.611E-08 | 0.000E+00 | 0.000E+00 | 0.977E-08 | 0.264E-08 | 0.264E-08 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.262E-08 | 0.264E-08 | 0.264
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                    614
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                    615
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                    618
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                     8.262E-08
7.613E-08
                    621
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                    624
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                    627
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                      1.599E-07
2.148E-07
3.104E-07
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                    630
                                                                               2.963E-09 1.263E-07 0.000E+00 5.588E-08
4.905E-09 2.292E-07 0.000E+00 9.416E-08
5.901E-09 2.755E-07 0.000E+00 1.141E-07
3.650E-09 1.704E-07 0.000E+00 7.055E-08
2.705E-09 1.263E-07 0.000E+00 5.226E-08
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                    631
                                              1.858E-07
2.483E-07
1.524E-07
1.124E-07
                                                                                                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                                       5.142E-07
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                     632
                                                                                                                                                                                                                                                                                                                                 6.438E-07
3.970E-07
2.937E-07
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                    633
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                      0.000E+00 0.000E+00
```

```
9.959E-08
8.188E-08
6.974E-08
                                                                            0.000E+00
                                                                                              4.120E-08 0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                                                     2.313E-07
                                                                                                                                                                                         0.000E+00
                    8.833E-08
7.245E-08
                                      2.133E-09
1.754E-09
         636
                                                                                              3.387E-08
2.884E-08
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      1.899E-07
1.617E-07
                                                                                                                                                                                          0.000E+00
0.000E+00
         637
                                                                            0.000E+00
                    6.163E-08
                                       1.493E-09
1.295E-09
         638
                                                                            0 000E+00
                                                                                              2.500E-08
                    5.335E-08
                                                         6.046E-08
                                                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      1.401E-07
                                                                                                                                                                                          0.000E+00
         639
                                                                                                               0.000E+00
                                                         5.308E-08
4.718E-08
                                                                                              2.194E-08
1.950E-08
                                                                                                                                                      1.229E-07
                                                                                                                                                                                          0.000E+00
0.000E+00
                                       1.137E-09
                                                                            0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      1.092E-07
                    4.149E-08
3.729E-08
                                       1.010E-09
                                                                            0.000E+00
                                       9.093E-10
                                                                            0.000E+00
                                                                                              1.755E-08
                                                                                                                                    0.000E+00
                                                                                                                                                      9.821E-08
                                                                                                                                                                                          0.000E+00
         642
                                                                                              1.592E-08
                                                         3.851E-08
3.520E-08
3.234E-08
                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                    3.377E-08
                                       8.246E-10
                                                                                                                                                      8.902E-08
                                                                                              1.337E-08
1.337E-08
1.240E-08
1.152E-08
                                                                                                                                                      8 132E-08
7 471E-08
                                                                                                                                                                                          0.000E+00
                                       7.537E-10
6.926E-10
         644
                    3.083E-08
                    2.831E-08
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
                                       6.424E-10
5.970E-10
                                                         3.000E-08
2.788E-08
3.251E-08
                                                                            0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      6.926E-08
6.436E-08
7.258E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
                    2.623E-08
                                                                                                                                                                                     0
                    2.436E-08
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                              1.334E-08
1.493E-08
1.693E-08
                                       6.955E-10
                                                                            0.000E+00
                    2.604E-08
                                                                                                                                                                                          0.000E+00
         648
                                                                                                                                                      8.131E-08
9.235E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
                    2.923E-08
                                       7.782E-10
                                                         3.638E-08
                                                                            0.000E+00
                                                         4.125E-08
4.770E-08
5.751E-08
7.131E-08
                                                                            0.000E+00
0.000E+00
         650
                    3.328E-08
                                       8.825E-10
                                                                                              1.959E-08
2.363E-08
2.931E-08
                    3.867E-08
                                       1.021E-09
                                                                                                                                                      1.070E-07
                                                                                                                                                                                          0.000E+00
         651
                                       1.231E-09
1.526E-09
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      1.292E-07
1.604E-07
                                                                                                                                                                                          0.000E+00
0.000E+00
                     4.684E-08
                                                                            0.000E+00
                                                                                                                                                                                     0
                                                                            0.000E+00
                    5.830E-08
         653
                                                                                              3.905E-08
5.935E-08
2.381E-07
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      2.140E-07
3.259E-07
1.332E-06
                     7.789E-08
                                       2.033E-09
                                                         9.500E-08
                                                                            0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                     1.192E-07
                                       3.088E-09
                                                         1.443E-07
5.760E-07
                                                                            0.000E+00
                                                                                                                                                                                     0
                                                                            0.000E+00
                    5 055E-07
                                       1,233E-08
         656
                                                                                              1.519E-07
9.050E-08
6.027E-08
                                                                                                                                                      8.565E-07
5.103E-07
3.392E-07
                    3.299E-07
                                       7.858E-09
                                                         3.669E-07
                                                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
         657
                    1 966E-07
1 302E-07
                                       4.681E-09
3.119E-09
                                                         2.185E-07
1.456E-07
                                                                            0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
         659
                                       2.308E-09
                                                          1.078E-07
                                                                            0.000E+00
                                                                                               4.458E-08
                                                                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      2.503E-07
                                                                                                                                                                                          0.000E+00
                    9.565E-08
         660
                                                                           0.000E+00 3.524E-08 0.000E+00
0.000E+00 2.907E-08 0.000E+00
0.000E+00 2.484E-08 0.000E+00
0.000E+00 2.294E-08 0.000E+00
                                       1.825E-09
1.506E-09
1.287E-09
                                                         8.523E-08
7.033E-08
6.009E-08
                                                                                                                                    0.000E+00
0.000E+00
                    7.524E-08
                                                                                                                                                      1.975E-07
                                                                                                                                                                                          0.000E+00
                                                                                                                                                      1.628E-07
                    6.189E-08
         662
                     5.275E-08
                                                                                                                                    0.000E+00
                                                                                                                                                      1.390E-07
                                                                                                                                                                                          0-000E+00
                    4.820E-08 1,189E-09
                                                         5.555E-08
                                                                                                                                    0.000E+00 1.279E-07
                                                                                                                                                                                     0
                                                                                                                                                                                          0.000E+00
                                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
T 11/07/95 09:51:16 Page - 18
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                                    TSP
                                                                             Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                             1.969E-08 0.000E+00
1.694E-08 0.000E+00
1.526E-08 0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      1.099E-07
9.468E-08
8.525E-08
                                                                            0.000E+00
                                      8.781E-10
7.908E-10
7.175E-10
        666
667
                    3.585E-08
3.226E-08
                                                         4.101E-08
3.693E-08
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                      7.730E-08
7.069E-08
                                                         3.351E-08
                                                                            0.000E+00
                                                                                               1.384E-08
                                                                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                              1.266E-08
1.169E-08
1.086E-08
                    2.671E-08
2.462E-08
                                                                                                               0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                       6.565E-10
6.058E-10
                                                         3.066E-08
2.829E-08
                                                                            0.000E+00
0.000E+00
         669
                                                                                                                                                      6.521E-08
         670
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                              2.285E-08
                                       5.628E-10
                                                         2.628E-08
                                                                            0.000E+00
                                                                                                                                                      6.056E-08
                                                                                                                                                                                     O
                                                                                                                                                                                          0.000E+00
                                                                                                                                                      5.652E-08
6.458E-08
7.231E-08
8.226E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
                    2.132E-08
2.329E-08
                                       5.254E-10
6.170E-10
                                                         2.454E-08
2.884E-08
                                                                            0.000E+00
0.000E+00
         672
         673
                                       6.907E-10
7.845E-10
9.123E-10
                                                                                              1.325E-08 0.000E+00
1.506E-08 0.000E+00
                    2.609E-08
                                                         3.228E-08
3.666E-08
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                             1.506E-U6
1.752E-08 0.000E+U0
2.092E-08 0.000E+00
2.665E-08 0.000E+00
3.583E-08 0.000E+00
                                                                                                                                                                                          0.000E+00
         675
                    2.975E-08
                    3.490E-08
                                                         4.264E-08
                                                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      9.597E-08
1.148E-07
                                                                                                                                                                                          0.000E+00
                                      1.089E-09
1.387E-09
1.065E-09
2.530E-09
4.791E-09
9.292E-09
                                                         5.088E-08
6.483E-08
8.716E-08
1.182E-07
2.239E-07
4.343E-07
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                     4.187E-08
                                                                                                                                                      1.458E-07
                    5.296E-08
                                                                                                                                                                                          0.000E+00
         678
                    7.142E 08
                                                                            0.000E+00
                                                                                                                                                      1.963E-07
                                                                                                                                                                                          0.000E+00
         679
                    9.771E-08
1.866E-07
                                                                            0,000E+00
0,000E+00
                                                                                              4.863E-08 0.000E+00
9.215E-08 0.000E+00
1.783E-07 0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      2.671E-07
5.074E-07
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                          0.000E+00
         681
                                                                                                                0.000E+00
0.000E+00
         682
                                                                            0.000E+00
                                                                                                                                                      9.725E-07
                                                                                                                                                                                          0.000E+00
                                                         4.594E-07
4.211E-07
2.670E-07
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      1.030E-06
                                                                                              1.887E-07
1.736E-07
                                                                                                                                                                                          0.000E+00
         683
                    3.720E-07
                                       9.828E-09
                                                                            0.000E+00
                                                                                              1.88/E-07 0.000E+00
1.736E-07 0.000E+00
1.104E-07 0.000E+00
7.766E-08 0.000E+00
5.609E-08 0.000E+00
                                                                            0.000E+00
0.000E+00
                    3.582E-07
                                       9.015E-09
5.718E-09
                                                                                                                                                      9.619E-07
                                                                                                                                                                                          0.000E+00
         684
                    2.369E-07
                                                                                                                                                      6.200E-07
                                                                                                                                                                                          0.000E+00
                                                         1.877E-07
1.356E-07
1.016E-07
7.965E-08
                                       4.019E-09
2.903E-09
2.176E-09
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      4.365E-07
                                                                            0.000E+00
0.000E+00
         686
                    1.672E-07
                                                                                                                                                                                          0.000E+00
                    1.206E-07
                                                                                                                                                      3.152E-07
         687
                                                                                              4.203E-08 0.000E+00
3.295E-08 0.000E+00
2.738E-08 0.000E+00
                    9.031E-08
                                                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      2.361E-07
                                                                                                                                                                                          0.000E+00
         688
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      1.849E-07
                    7.061E-08
                                       1.706E-09
                                                                            0.000E+00
                                                                                                                                                                                          0.000E+00
                                                         6.621E-08
5.640E-08
                                                                           0.000E+00
0.000E+00
                    5.855E-08
                                       1.418E-09
1.208E-09
                                                                                                                                                      1.536E-07
                                                                                                                                                                                          0.000E+00
         690
                                                                                              2.332E-08 0.000E+00
2.020E-08 0.000E+00
1.799E-08 0.000E+00
1.603E-08 0.000E+00
                    4.979E-08
                                                                                                                                                      1.307E-07
                                                                                                                                                                                          0.000E+00
         691
                                                                                                                                                      1.132E-07
1.008E-07
8.972E-08
                    4.307E-08
                                       1.046E-09
                                                         4.887E-08
                                                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                          0.000E+00
                                       9.321E-10
8.303E-10
                                                                            0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
         693
                    3.831E-08
                                                         4.353E-08
3.877E-08
                    3.409E-08
         694
                                      7.445E-10
6.763E-10
6.177E-10
5.661E-10
                                                                                                                0.000E+00
                    3.053E-08
                                                         3.477E-08
                                                                            0.000E+00
                                                                                               1.437E-08
                                                                                                                                    0.000E+00
                                                                                                                                                      8.041E-08
                                                                                                                                                                                          0.000E+00
                                                         3.158E-08
2.885E-08
2.644E-08
2.435E-08
2.493E-08
                                                                                              1.305E-08 0.000E+00
1.192E-08 0.000E+00
1.092E-08 0.000E+00
1.006E-08 0.000E+00
1.028E-08 0.000E+00
                                                                                                                                                      7.301E-08
6.665E-08
                    2.770E-08
2.527E-08
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                            0.000E+00
0.000E+00
         696
         697
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      6.104E-08
5.617E-08
5.716E-08
                    2.311E-08
2.124E-08
                                                                            0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                          0.000E+00
                                       5.214E-10
                                                                            0.000E+00
         699
                    2.141E-08
                                       5.336E-10
                                                                            0.000E+00
         700
                                                                                              1.177E-08 0.000E+00
1.350E-08 0.000E+00
1.599E-08 0.000E+00
                                                                                                                                                      6.434E-08
7.388E-08
8.735E-08
                    2.332E-08
                                       6.128E-10
                                                         2.864E-08
                                                                            0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                     O
                                                                                                                                                                                          0.000E+00
                                                         3.286E-08
3.894E-08
                                                                                                                                                                                          0.000E+00
0.000E+00
                    2.682E-08
3.158E-08
                                                                                                                                   0.000E+00
0.000E+00
                                      7.031E-10
8.331E-10
                                                                            0.000E+00
0.000E+00
         702
         703
                                                                                              1.862E-08
2.151E-08
2.523E-08
                                                                                                                                                      1.016E-07
1.175E-07
1.379E-07
                                       9.704E-10
                                                         4.536E-08
                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                                                          0.000E+00
                    3.667E-08
         704
         705
                                       1.121E-09
1.314E-09
1.558E-09
                                                         5.238E-08
6.142E-08
7.280E-08
                                                                                                                0.000E+00
0.000E+00
                    4.249E-08
4.996E-08
                                                                            0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
         706
                    6.003E-08
                                                                            0.000E+00
                                                                                              2.994E-08
                                                                                                                0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      1.643E-07
                                                                                                                                                                                          0.000E+00
         707
                                       2.227E-09
4.039E-09
6.221E-09
                                                                                              4.282E-08
7.760E-08
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      2.357E-07
4.254E-07
                    8.659E-08
                                                         1.040E-07
1.887E-07
                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
         708
         709
                    1.551E-07
                                                                                                                                                      6.528E-07
7.410E-07
7.094E-07
                                                                                               1.195E-07
                    2.364E-07
                                                         2.908E-07
                                                                            0.000E+00
                                                                                                                 0.000E+00
                                                                                                                                                                                          0.000E+00
         710
                    2.706E-07
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
                                       7.025E-09
                                                         3.283E-07
                                                                            0 000E+00
                                                                                               1.350E-07
                                                                                                                 0.000E+00
                                                                                                                 0.000E+00
                                                                                               1.283E-07
                                                                                                                                                                                          0.000E+00
                                       6.662E-09
4.766E-09
         712
                    2.633E-07
                                                         3.112E-07
                                                                            0.000E+00
                    1.934E-07
                                                         2.226E-07
                                                                            0.000E+00
                                                                                               9.193E-08
                                                                                                                 0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      5.127E-07
                                                                                                                                                                                          0.000E+00
         713
                                                                                              6.882E-08 0.000E+00
5.219E-08 0.000E+00
4.130E-08 0.000E+00
                                                                                                                                                      3.852E-07
                    1.463E-07
1.112E-07
                                                                                                                                   0.000E+00
0.000E+00
                                       3.565E-09
                                                         1.665E-07
                                                                            0.000E+00
                                                                                                                                                                                          0.000E+00
                                      2.703E-09
2.138E-09
                                                         1.262E-07
                                                                            0.000E+00
                                                                                                                                                      2.924E-07
                                                                                                                                                                                          0.000E+00
         715
                                                                                                                                  0.000E+00 2.319E-07
                    8.862E-08
                                                         9.982E-08 0.000E+00
                                                                                                                                                                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
OUT 11/07/95 09:51:16 Page - 18
                                                                                                                                   0.000E+00 1.804E-07
0.000E+00 1.482E-07
0.000E+00 1.238E-07
0.000E+00 1.076E-07
0.000E+00 9.572E-08
0.000E+00 8.556E-08
0.000E+00 7.761E-08
                                                                           0.000E+00 3.213E-08 0.000E+00
0.000E+00 2.643E-08 0.000E+00
0.000E+00 2.209E-08 0.000E+00
0.000E+00 1.923E 00 0.000E+00
                                                                                                                                                                                          0.000E+00
                    6-892E-08
                                      1.664E-09
1.369E-09
                                                         7.767E-08
6.391E-08
         718
                    5.645E-08
                                                                                                                                                                                          0.000E+00
        719
720
721
                                                                                                                                                                                          0.000E+00
                    4.710E-08
                                       1.144E-09
                                                         5.344E-08
                                      9.962E-10
8.867E-10
7.930E-10
                                                                                                                                                                                          0.000E+00
                                                                            0.000E+00
0.000E+00
                    4.089E-08
                                                         4.652E-08
                                                         4.141E-08
3.703E-08
                                                                                                                                                                                          0.000E+00
                    3.631E-08
                                                                                               1.711E-08
                                                                                                                0.000E+00
                                                                          0.000E+00 1.530E-08
0.000E+00 1.388E-08
0.000E+00 1.279E-08
                    3.243E-08
2.941E-08
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
        723
                                       7.194E-10
                                                         3.360E-08
```

0.000E+00 0.000E+00

7.148E-08

3.095E-08

2.708E-08

6.627E-10

```
6.601E-08
6.123E-08
5.665E-08
5.242E-08
                                 2.502E-08
2.321E-08
                                                                                              2.857E-08
2.650E-08
2.451E-08
2.266E-08
                                                               6.118E-10
5.674E-10
5.248E-10
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
             726
                                 2,149E-08
                                                                                                                              0,000E+00
                                                               4 857E-10
7 017E-10
7 714E-10
                                 1 988E-08
                                                                                                                              0 000E+00
                                                                                                3.280E-08
                                                                                                                              0.000E+00
                                                                                                                                                           1.346E-08 0.000E+00
1.480E-08 0.000E+00
1.611E-08 0.000E+00
1.779E-08 0.000E+00
1.79E-08 0.000E+00
2.158E-08 0.000E+00
2.653E-08 0.000E+00
4.209E-08 0.000E+00
9.200E-08 0.000E+00
9.200E-08 0.000E+00
1.006E-07 0.000E+00
1.012E-07 0.000E+00
7.432E-08 0.000E+00
5.265E-08 0.000E+00
3.876E-08 0.000E+00
3.226E-08 0.000E+00
                                                                                                                                                             1.346E-08
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                                                           7.337E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                 2.641E-08
             729
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          8.069E-08
8.785E-08
                                 2.907E-08
                                                                                               3.605E-08
                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                                                                                      0:000E+00
                                                                                               3.925E-08
4.334E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              731
                                 3.165E-08
                                                               8 397E-10
9 272E-10
                                                                                                                              0.000E+00
                                 3.488E-08
                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                          9.693E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              732
                                                                                               4.616E-08
5.249E-08
6.450E-08
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          1.035E-07
1.182E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                 3.743E-08
                                                                9.876E-10
                                                                                                                              0.000E+00
                                                              9.876E-10
1.123E-09
1.380E-09
2.191E-09
3.521E-09
4.789E-09
5.230E-09
4.093E-09
2.731E-09
2.008E-09
1.671E-09
                                 4.303E-08
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                                           1.458E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                 5.339E-08
              735
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          2.307E-07
3.709E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                 8.407E-08
                                                                                                1.024E-07
                                                                                                                              0.000E+00
                                                                                               1.645E-07
2.238E-07
                                                                                                                              D.000E+00
D.000E+00
                                 1.352E-07
                                 1.831E-07
                                                                                                                                                                                                                                                           5.037E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
              738
                                 2.032E-07
2.055E-07
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          5.534E-07
5.577E-07
                                                                                               2.444E-07
2.457E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                               1.912E-07
                                                                                                                                                                                                                                                          4.382E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                 1,641E-07
              741
                                                                                               1.803E-07
1.276E-07
9.376E-08
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                          4.114E-07
2.931E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                 1.529E-07
              742
                                 1.101E-07
8.237E-08

        0.000E+00
        5.265E-08
        0.000E+00
        <t
                                                                                                                                                                                                                                                          2.169E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                              2.008E-09
1.671E-09
1.352E-09
9.777E-10
8.510E-10
7.589E-10
6.885E-10
6.279E-10
5.799E-10
5.455E-10
5.517E-10
4.875E-10
7.020E-10
              744
                                                                                              7.803E-08
6.315E-08
5.291E-08
4.566E-08
3.974E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                          1.807E-07
                                 6.871E-08
                                                                                                                                                                                                                                                          1.466E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                 5.599E-08
4.692E-08
                                                                                                                                                                                                                                                          1.229E-07
1.058E-07
9.185E-08
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                 4.025E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                 3.483E-08
3.100E-08
                                                                                               3.544E-08
3.215E-08
2.932E-08
                                                                                                                                                                                                                                                          8.185E-08
7.422E-08
6.764E-08
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                 2.810E-08
                                 2.557E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              752
                                                                                              2.708E-08
2.548E-08
2.577E-08
2.277E-08
                                                                                                                                                                                                                                                          6,243E-08
5.869E-08
5,916E-08
                                 2.358E-08
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
              753
                                 2.214E-08
                                 2.220E-08
1.981E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              755
                                                                                                                                                                                                                                                          5.247E-08
7.334E-08
7.835E-08
7.947E-08
8.269E-08
                                                                                                                                                                                                                                                                                                              ß
                                                                                                                                                                                                                                                                                                                      0.000E+00
              756
                                                               7.020E-10
7.501E-10
7.605E-10
7.898E-10
8.731E-10
1.012E-09
                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                               3.281E-08
3.506E-08
3.554E-08
                                 2.636E-08
                                 2.815E-08
2.858E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              758
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                               3.691E-08
                                 2.983E-08
                                 3.318E-08
3.892E-08
                                                                                                4.080E-08
                                                                                                                                                                                                                                                           9.162E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              761
                                                                                                                                                                                                                                                          1.067E-07
1.552E-07
2.184E-07
                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                4.728E-08
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                 5.657E-08
7.956E-08
                                                               1.473E-09
2.075E-09
                                                                                                6.881E-08
9.695E-08
                                                                                                                                                                                                                                                                                                                     0.000E+00
              764
                                                                                               1.447E-07
1.854E-07
1.946E-07
                                                                                                                                                                                                                                                                                                              0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                                                                                                                                                                                                                           3.260E-07
                                 1.187E-07
                                                                3.096E-09
              765
                                                                                                                                                                                                                                                          4.176E-07
4.409E-07
                                                               3.968E-09
4.164E-09
                                 1.519E-07
                                 1.621E-07
              767
                                 1.627E-07
                                                            4.153E-09
                                                                                               1.940E-07
                                                                                                                                                                                                                                                        4.407E-07
                                                                                                                                                                                                                                                                                                            0 0.000E+00
                                                                                                                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 186
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Taput File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
  nput File: g:\ace\GQ91\GQTPACE.DAT

        0.000E+00
        7.530E-08
        0.000E+00
        0.000E+00

        0.000E+00
        7.014E-08
        0.000E+00
        0.000E+00

        0.000E+00
        6.979E-08
        0.000E+00
        0.000E+00

        0.000E+00
        4.571E-08
        0.000E+00
        0.000E+00

        0.000E+00
        3.723E-08
        0.000E+00
        0.000E+00

        0.000E+00
        3.155E-08
        0.000E+00
        0.000E+00

        0.000E+00
        2.628E-08
        0.000E+00
        0.000E+00

        0.000E+00
        2.223E-08
        0.000E+00
        0.000E+00

        0.000E+00
        1.890E-08
        0.000E+00
        0.000E+00

        0.000E+00
        1.646E-08
        0.000E+00
        0.000E+00

        0.000E+00
        1.448E-08
        0.000E+00
        0.000E+00

        0.000E+00
        1.296E-08
        0.000E+00
        0.000E+00

        0.000E+00
        1.184E-08
        0.000E+00
        0.000E+00

        0.000E+00
        1.083E-08
        0.000E+00
        0.000E+00

                                                                                                                                                                                                                          0.000E+00 4.167E-07
0.000E+00 3.883E-07
0.000E+00 3.847E-07
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                               3.643E-09
3.629E-09
2.371E-09
                                                                                              1.702E-07 0.000E+00
1.695E-07 0.000E+00
                                                                                                                                                                                                                                                                                                               0
              770
                                  1.444E-07
             771
772
                                 1.417E-07
9.547E-08
                                                                                                                                                                                                                                                          2.543E-07
2.074E-07
1.741E-07
                                                                                                1.108E-07
                                                                                                                                                                                                                                                                                                               0
                                                                                                9.016E-08
7.540E-08
6.358E-08
                                7.808E-08 1.930E-09
6.593E-08 1.614E-09
5.588E-08 1.361E-09
4.728E-08 1.152E-09
4.028E-08 9.787E-10
3.518E-08 8.523E-10
3.084E-08 6.717E-10
2.746E-08 6.139E-10
2.281E-08 5.617E-10
2.120E-08 5.236E-10
2.247E-08 5.663E-10
1.838E-08 4.544E-10
2.436E-08 6.509E-10
                                 7.808E-08
                                                                1,930E-09
                                                                                                                                                                                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                           1.471E-07
              775
                                                                                                                                                                                                                                                         1.245E-07
1.059E-07
                                                                                                5.379E-08
                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                               4.570E-08 0.000E+00
3.980E-08 0.000E+00
3.503E-08 0.000E+00
                                                                                                                                                                                                                                                          9.229E-08
8.111E-08
7.246E-08
                                                                                                                                                                                                                                                                                                                      0.000E+00
              778
                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                               3.137E-08
                                                                                                                            0.000E+00
              780
                                                                                                                                                            1.296E-08 0.000E+00 0.000E+00

1.184E-08 0.000E+00 0.000E+00

1.010E-08 0.000E+00 0.000E+00

1.0191E-08 0.000E+00 0.000E+00

8.762E-09 0.000E+00 0.000E+00

1.248E-08 0.000E+00 0.000E+00

1.242E-08 0.000E+00 0.000E+00

1.235E-08 0.000E+00 0.000E+00

1.386E-08 0.000E+00 0.000E+00
                                                                                               3.137E-08 0.000E+00
2.867E-08 0.000E+00
2.623E-08 0.000E+00
2.446E-08 0.000E+00
2.62646E-08 0.000E+00
2.122E-08 0.000E+00
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                           6.611E-08
              781
                                                                                                                                                                                                                                                          6.044E-08
5.627E-08
6.039E-08
                                                                                                                                                            0.000E+00
              784
                                 1.838E-08
2.436E-08
                                                                                                                                                                                                                                                          4.881E-08
6.792E-08
6.772E-08
6.735E-08
7.561E-08
8.474E-08
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
              785
                                                              4.544E-10
6.509E-10
6.474E-10
6.439E-10
7.224E-10
8.056E-10
1.075E-09
1.465E-09
1.991E-09
2.818E-09
                                                                                                3.043E-08
3.026E-08
3.010E-08
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                 2,439E-08
2,426E-08
              787
                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
              788
                                                                                                3.377E-08
3.765E-08
5.022E-08
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                 2.726E-08
                                 3 081E-08
              790
                                                                                                                                                                                                                                                          8.474E-08
1.131E-07
1.536E-07
2.096E-07
2.963E-07
3.525E-07
3.634E-07
                                                                                                                                                                                                                                                                                                                      0.000E+00
0.000E+00
                                 4.115E-08
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                  5,556E-08
                                                                                                6.845E-08
9.305E-08
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                 7.626E-08
1.076E-07
              793
                                                                                                1.317E-07
1.564E-07
1.604E-07
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                               3.348E-09
3.432E-09
3.369E-09
3.239E-09
                                                                                                                              0.000E+00
0.000E+00
                                 1.284E-07
                                 1.336E-07
1.322E-07
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                                                         3.634E-07
3.577E-07
3.444E-07
3.264E-07
2.898E-07
1.988E-07
1.671E-07
1.240E-07
1.067E-07
9.242E-08
8.242E-08
              796
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                1.574E-07
                                                                                                                               0.000E+00
              797
                                 1.275E-07
                                                                                                1.513E-07
                                                                                                                               0.000E+00
                                                                                                1.430E-07
1.268E-07
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                 1.213E-07
1.079E-07
                                                               3.061E-09
2.715E-09
                                                                                                                              0.000E+00
0.000E+00
              799
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
              800
                                                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                               2.713E-09
2.257E-09
1.857E-09
1.350E-09
                                 9.004E-08
7.435E-08
                                                                                                                                                             4.347E-08 0.000E+00
3.579E-08 0.000E+00
3.002E-08 0.000E+00
                                                                                                1.054E-07
                                                                                                                               0.000E+00
              801
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                8.676E-08
7.271E-08
                                                                                                                              0.000E+00
0.000E+00
                                 6.280E-08
5.478E-08
                                                                                                                                                                                                                                                                                                                     0.000E+00
0.000E+00
              803
                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                6.307E-08
                                                                                                                               0.000E+00
                                                                                                                                                              2.605E-08
              804
                                                                                               5.365E-08
4.613E-08
3.998E-08
3.564E-08
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                              2.217E-08
1.907E-08
                                                               1.149E-09
9.879E-10
                                 4.701E-08
              805
                                                                                                                                                                                                                                                                                                                     0.000E+00
                                 4.053E-08
              806
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                              1.652E-08
1.473E-08
1.302E-08
                                 3.505E-08
                                                                8.562E-10
                                                                                                                               0.000E+00
                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                7.631E-10
                                                                                                                               0.000E+00
              808
                                 3.129E-08
                                                                                                3.149E-08
                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                           7.290E-08
                                                                                                                                                                                                                                                                                                                    0.000E+00
                                 2.772E-08
                                                                6.744E-10
                                                                                                                               0.000E+00
                                                                                                                                                                                             0.000E+00
              809
                                                             6.036E-10
5.546E-10
5.135E-10
4.749E-10
                                 2.476E-08
2.266E-08
                                                                                                                                                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                2.819E-08
                                                                                                                               0.000E+00
                                                                                                                                                               1.165E-08
                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                                           6.520E-08
              810
                                                                                                                                                                                                                                                                                                              0 0.000E+00
0 0.000E+00
0 0.000E+00
0 0.000E+00
                                                            5.546E-10 2.590E-08 0.000E+00 1.070E-08 0.000E+00 0.000E+00 5.982E-08 5.135E-10 2.398E-08 0.000E+00 9.905E-09 0.000E+00 0.000E+00 5.529E-08 4.749E-10 2.218E-08 0.000E+00 9.159E-09 0.000E+00 0.000E+00 5.106E-08 4.380E-10 2.046E-08 0.000E+00 8.446E-09 0.000E+00 0.000E+00 4.703E-08
              812
                                 2.089E-08
                                 1.924E-08
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSF * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 187
```

RECEPTOR # 134 HAS MAXIMUM PEAK RISK OF 1.128E-05
PEAK RECEPTOR LOCATED AT (X, Y) = 391840.000 3870853.000
RECEPTOR POPULATION = 0.000E+00

TOTAL CANCER EXCESS BURDEN FROM ALL RECEPTORS = 0.000E+00 BURDEN COMPUTED WITH ZONE OF IMPACT RISK LEVEL = 1.000E-07

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 108

*** 70-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

SOU	RCE	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM		
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 5 16 17 18 9 20 1 22 23 24 5 27 8 33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2.071E-10 3.94EE-09 1.43EE-09 1.75EE-09 1.62EE-09 1.62EE-09 6.464E-10 6.245E-10 4.425E-10 4.425E-10 4.425E-09 9.667E-08 9.667E-08 4.213E-09 9.664E-09 9.664E-09 9.664E-09 9.664E-09 9.664E-09 9.664E-09 9.664E-09 9.7547E-09 2.985E-09 7.547E-09 2.985E-09 2.077E-08 9.781E-09 2.07E-08 9.781E-09 2.107E-08 9.781E-09 2.285E-09 1.286E-09 1.286E-09 2.425E-08 1.286E-08	5.772E-12 1.088E-11 4.009E-11 4.894E-11 4.538E-11 1.802E-11 1.741E-11 1.233E-10 6.442E-11 2.692E-09 1.449E-08 4.186E-09 3.918E-09 3.918E-09 5.615E-08 1.173E-09 1.207E-10 2.762E-11 5.195E-11 1.907E-10 2.762E-11 5.195E-11 1.907E-10 2.103E-10 8.321E-11 8.043E-11 1.507E-09 6.954E-10 9.151E-11 1.507E-09 6.954E-10 7.759E-10 7.759E-10 7.759E-10 7.759E-10 2.856E-10 2.755E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 1.955E-10 7.759E-10 7.835E-10 7.835E-10	2.699E-10 5.08E-10 1.875E-09 2.289E-09 2.122E-09 8.422E-10 8.140E-10 5.767E-10 8.144E-09 3.013E-09 1.259E-07 1.852E-07 1.852E-07 1.852E-07 2.626E-06 5.487E-08 5.644E-09 2.430E-09 2.430E-09 2.430E-09 2.430E-09 2.430E-09 3.761E-09 2.707E-09 7.421E-08 9.836E-09 3.761E-09 2.707E-09 7.421E-08 4.269E-08 3.252E-08 4.269E-08 3.252E-08 4.269E-08 3.356E-08 1.332E-08 1.287E-08 9.120E-09 2.525E-07 1.130E-09 2.525E-07 1.130E-09 2.525E-07	0.000E+00	1.104E-10 2.082E-10 9.366E-10 8.684E-10 3.344E-10 3.341E-10 2.360E-10 6.531E-09 2.923E-09 1.233E-09 5.152E-08 1.075E-06 2.245E-07 8.011E-09 7.498E-08 1.075E-06 2.245E-09 1.539E-08 1.539E-08 1.539E-09 1.539E-08 1.539E-08 1.539E-08 1.539E-08 1.539E-08 1.539E-09 1.539E-08 1.539E-08 1.539E-08 1.539E-08 1.539E-08 1.539E-08 1.539E-08	0.000E+00 0.000E+00	0.000E+00	5.932E-10 1.118E-09 4.120E-09 5.030E-09 4.652E-09 1.789E-09 1.268E-09 1.268E-09 2.768E-07 1.489E-06 4.303E-07 4.0028E-07 1.241E-08 2.162E-09 1.960E-08 2.52E-09 1.960E-08 2.162E-09 2.744E-08 2.52E-09 3.40E-09 1.960E-08 2.162E-08 3.197E-08 2.162E-08 3.197E-08 3.197E-08 3.197E-08 3.197E-08 3.197E-08		
			4.529E-10 5.677E-10 SOLEDAD MTN I	2.127E-08 2.665E-08 PROJECT - ALI	0.000E+00 0.000E+00 L RECEPTORS,	8.450E-09 1.059E-08 1991 MET, T:		0.000E+00 OUTPUT OF A	3.976E-08 4.984E-08 MI/SBCAPCD ACE 11/07/95	2588 MODEL 09:51:16	VERS. 93288 * Page - 189
Input	File: 444 456 477 489 551 553 554 556 577 589 661 663 664 665 667 668	g:\ace\GQ9 1.043E-08 2.628E-09 5.5559E-09 4.089E-08 1.629E-09 1.773E-09 2.759E-08 1.099E-08 2.377E-09 2.759E-08 1.099E-08 6.588E-09 1.394E-09 1.394E-07 4.085E-08 8.835E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1\GQTPACE.DAY 2.324E-10 5.856E-11 1.239E-10 9.113E-10 3.630E-10 7.853E-11 1.568E-10 3.951E-11 8.359E-10 2.450E-10 5.298E-10 5.298E-10 1.468E-10 3.106E-10 2.285E-09 9.104E-10 1.969E-10 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	1.084E-08 2.732E-09 5.780E-09 4.251E-08 1.693E-08 3.663E-08 7.316E-09 1.843E-09 3.899E-08 1.143E-08 2.472E-09 2.719E-08 6.849E-09 1.449E-09 1.449E-08 1.066E-07 4.247E-08 9.185E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	8:\ace\GQ91 4.516E-09 1.138E-09 2.407E-09 1.771E-08 7.053E-09 1.526E-09 3.047E-09 1.624E-09 1.195E-08 4.760E-09 1.029E-09 1.132E-08 2.855E-09 4.440E-08 1.769E-08 1.769E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	2.602E-08 6.556E-09 1.387E-08 1.020E-07 4.064E-09 8.791E-09 1.756E-08 4.423E-09 9.358E-09 6.884E-08 2.743E-08 5.931E-09 6.525E-08 1.644E-08 3.477E-08 2.558E-07 1.019E-07 2.204E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4.842E-09 0.000E+00	07:31:16	rage - 109

SUM 4.036E-06 1.082E-07 5.057E-06 0.000E+00 2.075E-06 0.000E+00 0.000E+00 1.128E-05

RECEPTOR RISK OF 1.128E-05 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1.128E-05 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07 RECEPTOR POPULATION = 0 0.000E+00

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * UT 11/07/95 09:51:16 Page - 190 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Input File: g:\ace\GQ91\GQTPACE.DAT

*** 70-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA As BENZE Be Cd Cr HCHO Pb Ni PAH	0.000E+00 2.834E-06 0.000E+00 2.684E-07 1.334E-07 7.789E-07 0.000E+00 1.441E-08 6.751E-09 0.000E+00	0.000E+00 8.041E-08 0.000E+00 2.648E-08 0.000E+00 1.287E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.800E-06 0.000E+00 1.251E-06 0.000E+00 6.081E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.584E-06 0.000E+00 4.891E-07 0.000E+00 2.447E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 8.298E-06 0.000E+00 2.035E-06 1.334E-07 7.887E-07 0.000E+00 1.441E-08 6.751E-09 0.000E+00
Se SUM	4.036E-06	1.082E-07	5.057E-06	0.000E+00	2.075E-06	0.000E+00		1.128E-05

RECEPTOR RISK OF 1.128E-05 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 1.128E-05 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07 RECEPTOR BURDEN = 0.000E+00 1.000E+00

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * UT 11/07/95 09:51:16 Page - 191 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DUT Input File: g:\ace\GQ91\GQTPACE.DAT

*** 70-YEAR LIFETIME DOSE (mg/kg/d) BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

_JLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM	
ACETA AS BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 2.454E-07 0.000E+00 3.195E-08 9.073E-09 0.000E+00 5.147E-08 7.419E-09 0.000E+00 0.000E+00	0.000E+00 4.730E-08 0.000E+00 6.159E-09 0.000E+00 3.064E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 2.235E-06 0.000E+00 2.910E-07 0.000E+00 1.448E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 9.315E-07 0.000E+00 1.137E-07 0.000E+00 5.827E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.459E-06 0.000E+00 4.429E-07 9.073E-09 2.496E-08 0.000E+00 5.147E-08 7.419E-09 0.000E+00 0.000E+00	

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * UT 11/07/95 09:51:16 Page - 192 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT

*** 44-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 134 ***

SOURCE	INHALÈ	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
12 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1.302E-10 2.454E-10 9.041E-10 1.104E-09 1.023E-09 4.063E-10 3.926E-10 2.781E-10 7.697E-09 3.445E-09 1.453E-09 6.076E-08 3.270E-07 9.447E-08 8.843E-08 1.267E-06 2.648E-08 2.724E-09	4.975E-12 9.381E-12 3.456E-11 4.219E-11 3.912E-11 1.553E-11 1.561E-11 1.063E-11 2.942E-10 1.317E-10 5.553E-11 2.321E-09 1.249E-08 3.609E-09 3.378E-09 4.841E-08 1.011E-09 1.040E-10	SOIL 2.327E-10 4.387E-10 1.616E-09 1.973E-09 1.829E-09 7.263E-10 7.017E-10 4.972E-10 1.376E-08 6.159E-09 2.597E-09 1.085E-07 1.687E-07 1.580E-07 1.580E-07 1.580E-07 1.264E-06 4.730E-08 4.865E-09 1.113E-09	WATER 0.000E+00	PLANTS 7.104E-11 1.339E-10 4.934E-10 6.024E-10 5.585E-10 2.217E-10 2.142E-10 1.518E-10 4.201E-09 1.880E-09 7.929E-10 3.314E-08 1.783E-07 5.152E-08 4.823E-08 6.912E-07 1.444E-08 1.486E-09 3.399E-10	ANIMAL 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	\$UM 4.389E-10 8.274E-10 3.048E-09 3.721E-09 1.370E-09 1.370E-09 1.374E-09 2.595E-08 1.162E-08 4.898E-07 2.047E-07 1.102E-06 3.184E-07 2.980E-07 4.271E-06 8.923E-08 9.179E-09 2.100E-09
19 20 21 22 23	6.228E-10 1.172E-09 4.302E-09 5.203E-09 4.744E-09	2.381E-11 4.479E-11 1.644E-10 1.989E-10 1.813E-10	2.094E-09 7.688E-09 9.299E-09 8.479E-09	0.000E+00 0.000E+00 0.000E+00 0.000E+00	6.395E-10 2.347E-09 2.839E-09 2.589E-09	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	3.950E-09 1.450E-08 1.754E-08 1.599E-08
23	4./446709	I.013E-10	Q. 7/7E U7	0.0000.00	2.5571 07	5 5 5 5 5 E . 5 5	1.5.2.3.0.2.	

```
3.354E-09
                                                                             1.024E-09
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                             6.327E-09
               1.877E-09
                                                              0.000E+00
        24
                               7-173E-11
                                                                              9.900E-10
7.124E-10
                                                                                                             0.000E+00
               1.814E-09
1.305E-09
                              6.934E-11
4.989E-11
                                              3.242E-09
2.333E-09
                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                             6,116E-09
                                                                                                                             4.401E-09
1.207E-07
                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
        26
27
                                                                                                             0.000E+00
               3.579E-08
                               1.368E-09
                                               6.397E-08
                                                              0.000E+00
                                                                              1.953E-08
                                                                                              0.000E+00
                                                                              8.559E-09
3.355E-09
                                                                                                                             5.287E-08
               1.568E-08
                               5.994E-10
2.350E-10
7.889E-11
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                              Z.803E-08
                                                              0.000E+00
        28
                                               1.099E-08
                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                             2.073E-08
               6.148E-09
2.581E-09
        29
                                                                                                             0.000E+00
                                                                                                                             7.490E-09
                                                                                              0.000E+00
                                                              0.000E+00
0.000E+00
                                                                              1.150E-09
2.168E-09
                                               3.680E-09
                                                                                                                             1.412E-08
                                              6.937E-09
2.556E-08
                                                                                              0.000E+00
                                                                                                             0.000E+00
        31
               4.865E-09
                               1.487E-10
                                                              0.000E+00
               1.792E-08
2.188E-08
                               5.479E-10
                                                                             7.989E-09
9.754E-09
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                             5.202E-08
        32
                                                                                                             0.000E+00
                                                                                                                             6.350E-08
5.888E-08
                               6.688E-10
                                              3.120E-08
2.893E-08
                                                              I DOOE+OO
                                                                                              0.000E+00
                               6.201E-10
2.462E-10
                                                              0.000E+00
                                                                              9.044E-09
                                                                                              0.000E+00
                                                                                                             0.000E+00
               2.029E-08
        34
                                                                                                                             2.337E-08
                                                                              3.590E-09
3.469E-09
                                                                                                             0.000E+00
               8.055E-09
                                               1.148E-08
                                                              0.000E+00
                                                                                              0.000E+00
         35
                                                                                                             0.000E+00
                                                                                              0.000E+00
               7.782E-09
                               2.379E-10
                                               1.110E-08
                                                              0.000E+00
                                              7.862E-09
2.176E-07
                                                              0.000E+00
                                                                              2.458E-09
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                             1 600E-08
                               1.685E-10
               5.514E-09
1.526E-07
         37
                                                                                                                             4.430E-07
                                                                              6,803E-08
3,044E-08
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                              0.000E+00
                               4.665E-09
        38
                                                                                                             0.000E+00
                                                                                                                             1.982E-07
               6,830E-08
                                               9.738E-08
                                                                                              0.000E+00
                               2.088E-09
                                                              0.000E+00
                                              4.106E-08
3.171E-08
                               8.803E-10
6.754E-10
                                                                              1.284E-08
                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                             8.358E-08
                                                              0.000E+00
         40
               2.880E-08
                                                                                                                             5.212E-08
                                                                                                             0.000E+00
0.000E+00
                                                                              9.306E-09
                                                                                             0.000E+00
0.000E+00
               1.043E-08
                                                              0.000E+00
         41
                                                                                                                             3.013E-08
                                                                              5.380E-09
               6.030E-09
                               3.904E-10
                                               1.833E-08
                                                              0.000E+00
                                                                              6.743E-09
                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                             3,777E-08
                                              2,298E-08
                                                                                              0.000E+00
               7.558E-09
                               4.894E-10
         43
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                 11/07/95
                                                                                                                                              09:51:16  Page - 193
                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                              9.348E-09
2.355E-09
4.982E-09
3.665E-08
                                                                                              0.000E+00
                                                                              2.922E-09
                               2.004E-10
                                                              0.000E+00
               6.556E-09
                                                                                                                             4.793E-09
1.014E-08
                                                                              7.362E-10
                                                                                              0.000E+00
               1.652E-09
3.494E-09
2.570E-08
                               5.048E-11
                                                              D,000E+00
         45
                                                                              1.558E-09
1.146E-08
                                                              0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                               1.068E-10
         46
                                                                                                              0.000E+00
                                                                                                                             7.459E-08
                               7.856E-10
                                                                              4.563E-09
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                             2 971E-08
               1.024E-08
2.215E-09
4.423E-09
                               3.129E-10
                                               1.460E-08
                                                              0.000E+00
         48
                                                                              9.872E-10
1.972E-09
4.967E-10
                                                                                                              0.000E+00
                                                                                                                              6.428E-09
                                                                                              0.000E+00
                               6.770E-11
                                               3.158E-09
                                                              0.000E+00
                                               6.307E-09
1.589E-09
                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              1,284E-08
                               1.352E-10
               1,114E-09
                               3.406E-11
                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E±00
                                                                                                                             3 234E-09
         51
                                                                                                              0.000E+00
                                                                                                                              6.842E-09
               2.358E-09
                               7.206E-11
                                               3.361E-09
                                                              0.000E+00
                                                                              1.051E-09
7.730E-09
                                                                                              0.000E+00
         52
                                              2.473E-08
9.853E-09
2.131E-09
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              5.033E-08
               1.734E-08
         53
                               5.301E-10
2.112E-10
               6.910E-09
                                                               0.000E+00
                                                                              3.080E-09
                                                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                              2.005E+08
         54
                                                                                                              0.000E+00
                                                                                                                              4.337E-09
                                                              0.000E+00
0.000E+00
                                                                              6.661E-10
7.327E-09
         55
               1.494E-09
                               4.567E-11
                                               2.344E-08
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                             4.770E-08
1.202E-08
               1.644E-08
4.141E-09
8.761E-09
         56
                               5.024E-10
                                               5.904E-09
1.249E-08
9.189E-08
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                              1.846E-09
                                                                                              0.000E+00
0.000E+00
                               1.266E-10
                                                                                                              0.0006+00
         57
                               2.678E-10
1.970E-09
                                                                              3.905E-09
2.873E-08
                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              1.870E-07
         59
                6.445E-08
                                                                              1.144E-08
2.475E-09
0.000E+00
                                                                                              0.000E+00
0.000E+00
0.000E+00
                                               3.661E-08
7.918E-09
0.000E+00
                                                                                                                              7.452E-08
                               7.848E-10
                                                              0.000E+00
                                                                                                              0 000E+00
               2 568E-08
         ĸ٨
                                                                                                                              1.612E-08
                                                                                                              0.000E+00
                                                              0.000E+00
0.000E+00
                5.553E-09
                               1.697E-10
         61
                                                                                                                             0.000E+00
0.000E+00
                                                                                                              0,000E+00
               0.000E+00
                               0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                               0.000E+00
         63
               0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                              0.000E+00
               0.000E+00
                               0.000E+00
                                               0.000E+00
0.000E+00
                                                               0.000E+00
         64
                                                               D.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                             0.000E+00
0.000E+00
         65
               0.000E+00
                               0.000E+00
                                               0.000E+00
                                                               0.000E+00
                                                                              0.000E+00
2.327E-12
                                                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
                               0.000E+00
               0.000E+00
         66
67
                                                                                                              0.000E+00
                                                                                                                              3.046E-09
                                                               0.000E+00
                3.034E-09
                               1.650E-12
                                               7.795E-12
                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                               0.000E100
                                                               0.000E+00
                                                                                              U.000E+00
         68
               0.0008+00
                               0.000E+00
                                                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                              8.326E-06
                                                                              1.336E-06
                                                               0.000E+00
       SUM
               2,537E-06
                               9.326E-08
                                               4 359E-06
```

RECEPTOR RISK OF 8.326E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 8.326E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

44-YEAR LIFETIME RISK OF 8.326E-06 IS LOWER THAN 70-YEAR LIFETIME RISK OF 1.128E-05

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 194

*** 44-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA As BENZE Be Cd Cr HCHO Pb N1 FAH Se	0.000E+00 1.782E-06 0.000E+00 1.687E-07 8.384E-08 4.896E-07 0.000E+00 9.059E-09 4.244E-09 0.000E+00	0.000E+00 6.932E-08 0.000E+00 2.283E-08 0.000E+00 1.109E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.275E-06 0.000E+00 1.079E-06 0.000E+00 5.242E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 1.025E-06 0.000E+00 3.095E-07 0.000E+00 1.565E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 6.151E-06 0.000E+00 1.580E-06 8.384E-08 4.975E-07 0.000E+00 9.059E-09 4.244E-09 0.000E+00
SIIM	2 537E-06	9 326E-08	4.359E-06	0.000E+00	1,336E-06	0.000E+00	0.000E+00	8.326E-06

RECEPTOR RISK OF 8.326E-06 EXCEEDS SIGNIFICANT RISK LEVEL OF 1.000E-06

RECEPTOR RISK OF 8.326E-06 EXCEEDS IMPACT ZONE RISK LEVEL OF 1.000E-07

44-YEAR LIFETIME RISK OF 8.326E-06 IS LOWER THAN 70-YEAR LIFETIME RISK OF 1.128E-05

*** 44-YEAR LIFETIME DOSE (mg/kg/d) BY POLLUTANT FOR PEAK RECEPTOR # 134 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA As BENZE Be Cd Cr HCHO Pb Ni PAH Se	0.000E+00 2.454E-07 0.000E+00 3.195E-08 9.073E-09 1.590E-09 0.000E+00 5.147E-08 7.419E-09 0.000E+00	0.000E+00 6.487E-08 0.000E+00 8.446E-09 0.000E+00 4.202E-09 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 3.065E-06 0.000E+00 3.991E-07 0.000E+00 1.985E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 9.590E-07 0.000E+00 1.145E-07 0.00E+00 5.929E-09 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 4.335E-06 0.000E+00 5.540E-07 9.073E-09 3.158E-08 0.000E+00 5.147E-08 7.419E-09 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 196

*** MAXIMUM ACUTE HAZARD INDEX BY POLLUTANT ***

POLLUTANT	PEAK CONC (ug/m3)	BACKGR (ug/m3)	TOTAL (ug/m3)	AEL (ug/m3)	HAZARD INDEX	RECEPTOR
ACROL Cu HCHO HCN Hg Ni Se XYLEN	0.000E+00 0.000E+00 0.000E+00 3.934E+01 0.000E+00 3.020E-02 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 3.934E+01 0.000E+00 3.020E-02 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00	0.000E+00 1.192E-02 0.000E+00 3.020E-02	0 0 68 0 40 0

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 197

*** RECEPTOR ACUTE HAZARD INDICES BY TOXICOLOGICAL ENDPOINTS ***

FROM ALL SOURCES AND POLLUTANTS

RECEPTOR	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.000E+00 0.000E+00	1.740E-03 1.716E-03 1.721E-03 1.886E-03 1.766E-03 1.766E-03 1.876E-03 2.970E-03 3.268E-03 9.015E-03 6.089E-03 6.099E-03 6.190E-03 7.845E-03 4.936E-03 4.936E-03 4.543E-03 4.543E-03 3.264E-03 3.264E-03 3.264E-03	4.522E-03 1.943E-03 1.847E-03 5.576E-03 5.428E-03 3.202E-03 3.856E-03 4.044E-03 5.055E-03 4.260E-03 4.260E-03 4.20E-02 1.412E-02 1.382E-02 1.233E-02 2.804E-03 5.347E-03 5.04E-03 5.712E-03 5.164E-03 5.164E-03 5.005E-03	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	3.940E-03 4.038E-03 4.964E-03 4.964E-03 4.372E-03 3.952E-03 3.880E-03 4.542E-03 5.318E-03 4.991E-03 4.833E-03 5.243E-03 5.243E-03 7.378E-03	8.113E-03 8.268E-03 1.447E-02 1.764E-02 1.471E-02 8.376E-03 8.453E-03 1.496E-02 1.759E-02 1.744E-02 1.715E-02 1.815E-02 1.816E-02 2.633E-02 3.020E-02	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

```
1.117E-02
1.163E-02
1.726E-02
                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                       0.000E+00
0.000E+00
                                        3.100E-03
3.033E-03
        130
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                            0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
        131
                       0,000E+00
                                        3.186E-03
                                                                         0.000E+00
                                                                                          0 000E+00
                                                                                                           0.000E+00
                                                        2.093E-02
                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                        3 514E-03
        133
                       0.000E+00
                       0.000E+00
                                        3.491E-03
                                                         2.192E-02
                                                                         0,000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        134
                                                                                                                                            0.000E+00
0.000E+00
                                        3.161E-03
3.023E-03
                       0.000E+00
                                                        1.537E-02
9.756E-03
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                                            0.000E+00
        136
                       0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                       0.000E+00
                                        2.979E-03
                                                         8.337E-03
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        137
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                        2.830E-03
2.861E-03
                                                        7.981E-03
1.274E-02
                       0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                       0.000E+00
        139
                                                        9.473E-03
1.272E-02
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                       0.000E+00
                                        2.832E-03
                                                                                                           0 000E+00
                                                                                                                            0.000E+00
        140
                                                                                                                            0.000E+00
                                        2.564E-03
2.460E-03
                                                                                                           0.000E+00
                       0.000E+00
                                                        8.964E-03
6.744E-03
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                                                          0.000E+00
                       0.000E+00
        142
                                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                       0.000E+00
                                        2.326E-03
                                                                         0.000E+00
                                                                                                           0.000E+00
        143
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                         7,638E-03
                       0.000E+00
                                        2.227E-03
2.221E-03
                                                                         0.000E+00
                                                         5.791E-03
                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                       0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
IT 11/07/95 09:51:16 Page - 20
                                                                                                                                                                                   200
                                        2.210E-03
2.237E-03
2.252E-03
2.205E-03
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                                         5.142E-03
                                                                         0.000E+00
                                                                                          0.000E+00
                       0.000E+00
                                                        6.033E-03
4.350E-03
4.167E-03
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                       0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        147
148
                                                                                                                            0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
        149
                       0.000E+00
                                        2.205E-03
2.115E-03
2.064E-03
2.061E-03
2.003E-03
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                         5.117E-03
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                       0.000E+00
        150
                                                         5.327E-03
5.411E-03
5.356E-03
                                                                                                                            0.000E+00
        151
                       0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                       0.000E+00
0.000E+00
        152
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        153
                                                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                         5.300E-03
5.234E-03
4.972E-03
                       0.000E+00
                                        1.939E-03
1.875E-03
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                                                                          0.000E+00
        155
                       0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                        1.874E-03
                                                                          0.000E+00
                                                                                          0.000E+00
        156
                                                         5.324E-03
5.515E-03
                                        1.872E-03
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
        157
                       0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                        1.851E-03
                                                                                           0.000E+00
                       0.000E+00
0.000E+00
        158
                                        1.879E-03
1.866E-03
1.891E-03
                                                         6.913E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0 000E+00
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
        159
                                                                                                           0.000E+00
                       0.000E+00
0.000E+00
                                                         5.349E-03
5.573E-03
                                                                         0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
        161
                                        1.963E-03
2.062E-03
2.178E-03
                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                       0.000E+00
                                                         5.664E-03
                                                                          0.000E+00
        162
                                                         5.485E-03
                                                                         0.000E+00
0.000E+00
                       0.000E+00
                       0.000E+00
0.000E+00
                                                         6.023E-03
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        164
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                        2.247E-03
                                                         6.413E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        165
                                                                                                                            0.000E+00
0.000E+00
                                        2.268E-03
2.356E-03
2.318E-03
                                                         6.450E-03
6.335E-03
                                                                         0.000E+00
0.000E+00
                                                                                                           0.000E+00
                       0.000E+00
                                                                                          0.000E+00
        166
                                                                                           0.000E+00
                                                                                                           0.000E+00
                       0.000E+00
0.000E+00
        167
                                                         4.604E-03
                                                                          0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        168
                                       2.375E-03
2.513E-03
2.542E-03
2.814E-03
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        169
                       0.000E+00
                                                         4.528E-03
                                                                          0.000E+00
                       0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                         4.948E-03
                                                                          0.000E+00
                                                                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
        170
                                                         4.610E-03
5.073E-03
                                                                                          0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        171
                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                       0.000E+00
0.000E+00
        172
                                        3.015E-03
                                                         5.271E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        173
                                                                                                                                             0.000E+00
                                        3.001E-03
3.031E-03
3.014E-03
                                                         5.220E-03
5.015E-03
                                                                                                                            0.000E+00
                       0.000E+00
                                                                          0,000E+00
                                                                                           0.000E+00
                                                                                                           0 000E+00
                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                           0.000E+00
                                                                                                                            0.000E+00
                       0.000E+00
0.000E+00
        175
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                         6.044E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
        176
                                                         6.030E-03
6.774E-03
5.996E-03
        177
                       0.000E+00
                                        2.965E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                                                            0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
        178
                       0.000E+00
0.000E+00
                                        3.139E-03
3.560E-03
                                                                                                                                             0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        179
                                                         6.847E-03
9.107E-03
                                                                                                                            0.000E+00
        180
                       0.000E+00
                                        3.845E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                        4.348E-03
4.312E-03
                       0.000E+00
0.000E+00
        181
                                                         9.093E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
        182
                                                                                                                            0.000E+00
                       0.000E+00
                                        4.171E-03
                                                         8.976E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
        183
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        184
                       0.000E+00
0.000E+00
                                        4.149E-03
3.873E-03
                                                         8.833E-03
8.688E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        185
                                                                                                                                             0.000E+00
                                                                                          0.000E+00
0.000E+00
                       0.000E+00
                                        3.710E-03
                                                         5.876E-03
                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        186
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                                                                                           0.000E+00
                                                                          0.000E+00
        187
                       0.000E+00
                                        3.443E-03
                                                         6.215E-03
6.170E-03
                       0.000E+00
                                        3.084E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                           0.000E+00
        188
                                                                                                                                             0.000E+00
                       0.000E+00
                                        3.015E-03
                                                         5.271E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
        189
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                                                                                                           0.000E+00
                                        2.937E-03
2.919E-03
                                                         5.661E-03
5.869E-03
                                                                          0.000E+00
0.000E+00
        190
                       0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
        191
192
                       0.000E+00
0.000E+00
                                        2.908E-03
2.632E-03
                                                         5.933E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                                         9.523E-03
7.295E-03
                                                                                                           0.000E+00
        193
                       0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
        194
195
                       0.000E+00
0.000E+00
                                        2.683E-03
2.605E-03
2.709E-03
                                                                          0.000E+00
                                                                                                           0.000E+00
                                                         6.576E-03
6.146E-03
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                       0.000E+00
                                                                          0 000E+00
                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                           0.000E+00
                                                         6.396E-03
                                                                          0.000E+00
        197
                       0.000E+00
                                        2.722E-03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                          11/07/95
                                                                                                                                                        09:51:16
                                                                                                                                                                         Page -
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
                                        2.750E-03
                                                         6.492E-03
                                                                          0-000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                       0.000E+00
                                                                                                                             0.000E+00
                                        2.785E-03
2.782E-03
2.783E-03
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                       0.000E+00
0.000E+00
                                                         6.764E-03
6.786E-03
                                                                          0.000E+00
        199
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                             0.000E+00
        200
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
                       0.000E+00
                                                         6.574E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
        201
                                                                                                           0.000E+00
                                                                                                                                             0.000E+00
                                                                                           0.000E+00
                                                         6.250E-03
6.349E-03
                       0.000E+00
0.000E+00
                                        2.836E-03
2.846E-03
                                                                          0.000E+00
        202
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                          0.000E+00
        203
                                        2.680E-03
2.731E-03
2.720E-03
                                                         1.059E-02
7.790E-03
7.120E-03
                                                                                                                                             0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
        204
                       0.000E+00
                                                                          0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                          0.000E+00
        205
                       0.000E+00
                       0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
        206
                                                         7.120E-03
6.974E-03
7.027E-03
7.092E-03
7.915E-03
                       0.000E+00
                                        2.803E-03
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
        207
                                        2.853E-03
2.879E-03
                       0.000E+00
0.000E+00
0.000E+00
                                                                                           0.000E+00
                                                                          0.000E+00
                                                                                                           0.000E+00
        208
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                           0.000E+00
        209
                                        2.879E-03
2.890E-03
2.834E-03
2.930E-03
2.934E-03
                                                                                                                                             0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
        210
                                                         1.043E-02
7.061E-03
6.531E-03
                       0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                          0.000E+00
                                                                                                            0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                           0.000E+00
        212
213
                       0.000E+00
0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                         7.049E-03
9.831E-03
7.872E-03
7.653E-03
7.715E-03
                                        2.895E-03
2.776E-03
2.884E-03
                                                                                                                             0.000E+00
                       0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                           0.000E+00
        215
216
                       0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
                                                                                                                                             0.000E+00
0.000E+00
                       0.000E+00
                                                                          0.000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
                                                                                                                             0.000E+00
                                                                                                                             0.000E+00
        217
                       0.000E+00
                                        2.907E-03
2.860E-03
                                                                          0-000E+00
                                                                                           0.000E+00
                                                                                                           0.000E+00
```

0.000E+00

218

0 000E+00

0.000E+00

0.000E+00

```
0.000E+00
                                                                    0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                      0.000E+00
                                                    7.915E-03
                                                                                                                                 0.000E+00
        220
221
                      0.000E+00
0.000E+00
                                     2.997E-03
2.993E-03
                                                                    0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                    8.895E-03
                                                    1.341E-02
        222
                      0.000E+00
                                     3.012E-03
                                                     1.301E-02
                                                                    0,000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0-000E+00
                                                                                                                                  0.000E+00
        223
224
225
                                     3.048E-03
3.057E-03
                                                    7.656E-03
7.253E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0 000E+00
                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                      0.000E+00
                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                    9.658E-03
8.782E-03
                                                                    0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                      0.000E+00
                                     3.041E-03
                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                                     3,167E-03
        226
                      0.000E+00
        227
                      0.000E+00
                                     3,179E-03
                                                    8.811E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                      0.000E+00
                                     3.166E-03
                                                     1.321E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                     3.243E-03
                                                    9.442E-03
                                                                                   0.000E+00
        229
                      0.000E+00
        230
                      0.000E+00
                                     3.296E-03
                                                     1.075E-02
                                                                    0,000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0,000E+00
                                                                                                  0.000E+00
0.000E+00
0.000E+00
                      0.000E+00
                                     3.301E-03
                                                     1.305E-02
                                                                    0 000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
        231
                                                                                                                                 0.000E+00
                                     3.423E-03
                                                     1.330E-02
                      0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                   D.000E+00
                                                                                                                  0.000E+00
        232
                                     3.444E-03
                                                     1.041E-02
                                                                    0,000E+00
                                                                                   0.000E+00
                                                                                                                  0.D00E+00
                                                                                                                                  0,000E+00
        233
                                     3.430E-03
3.598E-03
        234
                      0.000E+00
                                                     1.269E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                    1.418E-02
1.296E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
        235
                                     3.572E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
        236
        237
                      0.000E+00
                                     3.589E-03
3.723E-03
                                                    1.265E-02
1.294E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                                  0.000E+00
        238
                                     3.732E-03
3.959E-03
                                                     1.206E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  D.000E+00
                                                                                                                                 0.000E+00
        239
                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                                     1.250E-02
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                    0.000E+00
                                                                                   D_000E+00
        240
                                     3.949E-03
4.179E-03
                                                     1.321E-02
                                                                    0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                   0.000E+00
        241
                      0.000E+00
                                                     1.360E-02
                                                                    0,000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        242
                                                                                                  0.000E+00
                                     4.155E-03
4.415E-03
                                                    1.351E-02
1.398E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0,000E+00
        243
                      0.000E+00
                      0,000E+00
                                                                    0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                   0.000E+00
        244
                      0.000E+00
                                     4.380E-03
                                                     1.262E-02
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                     1.384E-03
                                                    3.248E-03
                                                                    0.000E+00
                                                                                                  0.000E+00
                                                                                                                  D. 000E+00
                                                                                                                                  0.000E+00
        246
                      0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                      0,000E+00
                                     1.382E-03
                                                    3.883E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        247
                                                     3.988E-03
                      0.000E+00
                                     1.359E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        248
                      0.000E+00
                                     1.349E-03
                                                    3.352E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 202
                      0.000E+00
                                     1.329E-03
                                                    3.102E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                     1.313E-03
                                                    4.194E-03
4.108E-03
                                                                                   O.DDOE+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
        251
252
                                     1,297E-03
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                     1.287E-03
1.282E-03
                                                    3.868E-03
4.389E-03
                                                                                   0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
        253
        254
        255
                      0.000E+00
                                     1,276E-03
                                                    4.072E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
                                     1.274E-03
1.274E-03
                                                    4.313E-03
3.467E-03
                                                                    0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
        256
                                                                                   0.000E+00
                                                                                   0.000E+00
        257
        256
                      0.000E+00
                                     1.279E-03
                                                     4.172E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
0.000E+00
0.000E+00
                                     1,283E-03
1,294E-03
                                                    2.577E-03
1.810E-03
9.045E-04
        259
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
        260
                                     1.307E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        261
                                                    1.563E-03
2.019E-03
                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
        262
                      0.000E+00
                                     1.320E-03
                                                                                   0.000E+00
                                     1.336E-03
1.315E-03
                                                                                   0.000E+00
                      0.000E+00
0.000E+00
        263
                                                    1,865E-03
                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        264
                     0.000E+00
0.000E+00
                                     1.369E-03
1.371E-03
                                                    2.449E-03
2.703E-03
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
        265
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
        266
                                                    2.722E-03
2.779E-03
                                     1.389E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
        267
                                                                                                  0.000E+00
0.000E+00
        268
                      0.000E+00
                                     1,402E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                     1,386E-03
                      0.000E+00
                                                    2.957E-03
                                                                    0.000E+00
                                                                                                                                 0.000E+00
        269
        270
                      0.000E+00
                                     1.372E-03
                                                    2.850E-03
                                                                    0,000E+00
                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                     0.000E+00
0.000E+00
                                     1.405E-03
1.361E-03
                                                    3.558E-03
3.461E-03
                                                                    0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                   0.000E+00
        272
                                     1.359E-03
1.367E-03
                                                    3.512E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        273
                      0.000E+00
                                                    4.618E-03
2.700E-03
                                                                                                                  0.000E+00
0.000E+00
                      0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                                                 0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                    0.000E+00
                      0.000E+00
                                     1.447E-03
        275
                                                                                                  0.000E+00
                      0.000E+00
                                     1,434E-03
                                                    3,565E-03
                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                    0.000E+00
        276
                      0.000E+00
                                     1.391E-03
1.394E-03
                                                    4.129E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                    4 007E-03
                                                                    0 000E+00
        278
                      0.000E+00
                                     1.369E-03
                                                    3.056E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                      0.000E+00
        279
                                     1.354E-03
1.336E-03
        280
                      0.000E+00
                                                    3.835E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
        281
                                                    4.446E-03
4.306E-03
                      0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                     1.326E-03
1.323E-03
                                                                    0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                                                                   0.000E+00
        282
                      0.000E+00
                                                    4.264E-03
                                                                    0,000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0,000E+00
        283
                                     1.317E-03
1.313E-03
1.314E-03
                                                    4.447E-03
4.418E-03
                                                                    0.000E+00
0.000E+00
        284
                      0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                   0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
        285
                      0.000E+00
                                                    3.648E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0,000E+00
        286
                                     1.315E-03
1.328E-03
1.332E-03
        287
                      0.000E+00
                                                    4.247E-03
2.580E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.0002+00
                                                                                                                                 0.000E+00
                                                                                                                  0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
        288
                      0.000E+00
        289
                      0.000E+00
                                                    1,616E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                    1.194E-03
        290
                      0.000E+00
                                     1.347E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                    1.885E-03
2.096E-03
2.357E-03
2.695E-03
                                     1,366E-03
                      0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.0002+00
                                                                                                                                 0.000E+00
        291
        292
                      0.000E+00
                                     1.385E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        293
                      0.000E+00
                                     1.405E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                      0.000E+00
                                     1,425E-03
        294
                                     1.442E-03
                                                    2.917E-03
2.782E-03
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                      0.000E+00
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                   0.000E+00
        295
                      0.000E+00
                                     1.453E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        296
                                     1.425E-03
1.457E-03
                                                    3.103E-03
3.045E-03
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                   0.000E+00
        297
                      0.000E+00
                      0.000E+00
                                                                                   0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0,000E+00
        298
        299
                      0,000E+00
                                     1.473E-03
                                                    3.815E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
        300
                      0.000E+00
                                     1,428E-03
                                                    3,619E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
                                                                                   0.000E+00
                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0.000E+00
        301
                      0.000E+00
                                     1.420E-03
                                                     4.049E-03
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 203
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                    0 000E+00
                                                                                   0.nnor+00
                                                                                                  0 000E+00
                                                                                                                  0.000E+00
                                                                                                                                  0 000E+00
                      0.000E+00
                                     1 448E-03
                                                    5.089E-03
                      0.000E+00
                                     1.429E-03
1.474E-03
                                                     5,234E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
        303
        304
                      0,000E+00
                                                    2,404E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
                                                    3.017E-03
3.891E-03
                     0.000E+00
0.000E+00
                                     1.491E-03
1.471E-03
                                                                    0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
        305
                                                                                                                  0.000E+00
                                                                                   0.000E+00
                                                                                                                  0.000E+00
        306
                                     1.449E-03
                                                    4.344E-03
                                                                    0.000E+00
                                                                                   0.000E+00
                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                 0.000E+00
```

309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 360 360 370 370 370 370 370 370 370 37	0.000E+00 1.000E+00	1. 426E-03 1. 408E-03 1. 389E-03 1. 351E-03 1. 372E-03 1. 369E-03 1. 369E-03 1. 369E-03 1. 369E-03 1. 369E-03 1. 369E-03 1. 418E-03 1. 418E-03 1. 425E-03 1. 463E-03 1. 458E-03 1. 509E-03 1. 458E-03 1. 509E-03 1. 409E-03 1. 500E-03 1. 500E-03 1. 500E-03	3.914E-03 3.270E-03 4.535E-03 4.498E-03 4.498E-03 4.496E-03 3.838E-03 4.322E-03 1.574E-03 1.589E-03 2.151E-03 2.151E-03 2.151E-03 3.2760E-03 3.2760E-03 3.275E-03 4.073E-03 4.244E-03 3.532E-03 4.244E-03 3.532E-03 4.244E-03 4.649E-03 5.322E-03 4.244E-03 3.52E-03 4.244E-03 3.52E-03 4.244E-03 3.52E-03 4.244E-03 3.52E-03 4.545E-03 4.501E-03 4.601E-03 4.601E-03 4.601E-03 4.501E-03	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00
355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 389 390 391	0.000E+00 0.000E+00	1.605E-03 1.618E-03 1.576E-03 1.576E-03 1.598E-03 1.598E-03 1.512E-03 1.619E-03 1.556E-03 1.556E-03 1.556E-03 1.556E-03 1.495E-03 1.495E-03 1.495E-03 1.491E-03 1.491E-03 1.558E-03 1.578E-03 1.578E-03 1.578E-03 1.578E-03 1.578E-03 1.578E-03 1.578E-03 1.578E-03 1.558E-03 1.558E-03 1.558E-03 1.558E-03 1.578E-03 1.578E-03 1.608E-03 1.608E-03 1.715E-03 1.608E-03 1.715E-03 1.715E-03 1.715E-03 1.715E-03 1.715E-03 1.715E-03 1.715E-03 1.715E-03	3.494E-03 4.353E-03 5.299E-03 5.299E-03 5.248E-03 5.082E-03 3.499E-03 2.681E-03 3.705E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 4.574E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 2.561E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03 3.571E-03	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00

```
1.572E-03
1.572E-03
1.590E-03
1.602E-03
                                                       4.632E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.D00E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        401
402
                      0 000E+00
                                                       4.435E-03
4.839E-03
2.435E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0,000E+00
0,000E+00
                      0.000E+00
                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                       D.000E+00
        403
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        4114
                      0.000E+00
                                      1.621E-03
                                                       2.040E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        405
GULDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
T 11/07/95 09:51:16 Page - 20
                                                                                                                                                                            205
                                                       2.612E-03
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                       0.000E+00
                                      1.628E-03
        406
                                      1.654E-03
1.673E-03
1.705E-03
1.746E-03
1.7764E-03
                                                       3.047E-03
3.629E-03
3.510E-03
                                                                       0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                       0.000E+00
        407
        408
                      0.000E+00
                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                       0.000E+00
                                                                       0.000E+00
                                                                                                       0.000E+00
        409
                                                                                      0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
        410
                       0.000E+00
                                                       4.093E-03
                                                                       0.000E+00
                                                                                                                                       0 000E+00
                                                                                                                                       0.000E+00
        411
                      0.000E+00
                                                       5.071E-03
5.205E-03
                                                                       0.000E+00
                       0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        412
                                      1.814E-03
1.817E-03
                                                                                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                       0.000E+00
                                                       6.612E-03
                                                                       0.000E+00
                                                                                                       0.000E+00
        413
                                                      6.204E-03
5.988E-03
6.467E-03
5.772E-03
                                                                                                       0.000E+00
                                                                       0.000E+00
        414
                      0.000E+00
                                      1.801E-03
1.772E-03
1.700E-03
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
        415
                      0.000E+00
                                                                       0 000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
        417
                      0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                       0.000E+00
                                      1.685E-03
                                                       4.390E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
        418
                      0.000E+00
0.000E+00
                                      1.655E-03
1.843E-03
                                                       4.761E-03
3.928E-03
                                                                                      0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        420
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                       0,000E+00
                                      1.873E-03
                                                       3.276E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
        421
                                      1.833E-03
1.800E-03
                                                      3.594E-03
3.953E-03
        422
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        423
                                      1.775E-03
1.760E-03
1.737E-03
        424
                       0.000E+00
                                                       3.315E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        425
                      0.000E+00
                                                      4.534E-03
5.205E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                       0.000E+00
        426
427
                      0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                      1.722E-03
                                                       4.009E-03
                                                                       0,000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                       0.000E+00
                                      1,692E-03
1,683E-03
        428
                      0.000E+00
                                                       5.208E-03
                                                                       0 000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                       4.620E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                      0.000E+00
        429
                       0.000E+00
                                      1.668E-03
                                                       5.075E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
        430
                                                                                                       0 000E+00
                      0.000E+00
0.000E+00
                                      1.677E-03
1.680E-03
                                                      4.766E-03
4.970E-03
                                                                                       0.000E+00
        431
                                                                       0 000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+D0
                                                                                                                                       0.000E+00
        432
                                                      2.181E-03
2.414E-03
2.795E-03
        433
                       0.000E+00
                                      1.696E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                       0.000E+00
                                      1.737E-03
1.750E-03
                                                                       0.000E+00
        434
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
        435
                                      1.768E-03
1.767E-03
1.822E-03
                                                       3.779E-03
                       0,000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0 000E+00
        436
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                      3.511E-03
4.464E-03
5.546E-03
6.140E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                      0.000E+00
0.000E+00
        437
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
        438
                      0,000E+00
                                      1.867E-03
1.887E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        439
                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
        440
                      0.000E+00
                                                      7.139E-03
5.961E-03
6.930E-03
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                      0.000E+00
                                      1.926E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
        441
                                      1,928E-03
1,936E-03
                                                                                                       0.000E+00
                      0.000E+00
                                                                       0.000E±00
                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                       0.000E+00
                      0,000E+00
        443
                                                                                                                       0.000E+00
                      0.000E+00
                                      1,866E-03
                                                       6,543E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        444
                                                                                                                                       0.000E+00
                                                       5,076E-03
5,182E-03
5,334E-03
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E100
                                      1.844E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      1.860E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                      0.000E+00
        446
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                      0.000E+00
                                      1.811E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        447
                                                                                                                                       0.000E+00
                      0.000E+00
                                      1.781E-03
                                                       4.885E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      2.053E-03
1.987E-03
                                                       3,722E-03
                                                                       0.000E+00
        449
                      0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                       4.170E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        450
                                      1.990E-03
1.938E-03
1.917E-03
                                                                       0.000E+00
0.000E+00
        451
                      0.000E+00
                                                       3.869E-03
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                       3.596E-03
4.173E-03
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        452
                      0.000E+00
0.000E+00
        453
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                       3.645E-03
5.081E-03
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                      0.000E+00
                                      1.903E-03
                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        454
                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
        455
456
                      0.000E+00
0.000E+00
                                      1,861E-03
                                                                                                       0.000E+00
                                      1.837E-03
                                                       5.298E-03
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       D.000E+00
        457
                      0.000E+00
                                      1.812E-03
                                                       5.344E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 
11/07/95 09:51:16 Page - 206
                                                       5.042E-03
5.282E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0,000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                      0.000E+00
                                      1.804E-03
        458
                                      1.786E-03
1.780E-03
1.791E-03
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                       5.077E-03
                                                                                                       0.000E+00
        460
                      0.000E+00
                                                                       0 000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0,000E+00
       461
462
                      0.000E+00
                                                       5.303E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                      1.855E-03
1.852E-03
1.887E-03
                                                       2.142E-03
2.965E-03
3.753E-03
                      0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                       0,000E+00
                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
        463
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        464
                      0.000E+00
                                      1.907E-03
                                                       3.920E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        465
                                                       4.881E-03
6.128E-03
                                                                                                                       0.000E+00
0.000E+00
                                      1.934E-03
1.969E-03
                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        466
                      0.000E+00
                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+0D
                      0.000E+00
        467
                      0.000E+00
                                      2.022E-03
                                                       7.133E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        468
                                      2.066E-03
2.084E-03
2.085E-03
                                                       7.431E-03
7.196E-03
7.382E-03
                                                                                                                       0.000E+00
0.000E+00
                      0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                       0.000E+00
                      0.000E+00
        470
                                                                       0.000E+00
                                                                                       0,000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      2.010E-03
2.036E-03
2.011E-03
                                                       5.930E-03
5.678E-03
5.785E-03
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
        472
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                      0.000E+00
        473
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                      1.966E-03
1.905E-03
                                                       5.146E-03
4.098E-03
        475
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        476
        477
                      0.000E+00
                                      1.806E-03
                                                       2.983E-03
                                                                       0,000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                      2.202E-03
2.250E-03
2.137E-03
                                                       4.295E-03
3.752E-03
4.174E-03
                      0.000E+00
                                                                       0.000E+00
0.000E+00
                                                                                       0,000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
        478
                                                                                                                                       0.000E+00
                                                                                       0.000E+00
        479
                      0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
        480
                                                                                                                                       0.000E+00
0.000E+00
        481
                      0.000E+00
                                      2.117E-03
                                                       4.366E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                       0,000E+00
                                      2.085E-03
                                                       3.550E-03
        482
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                       4.415E-03
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                      2.063E-03
                                                                       0,000E+00
                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        483
                      0.000E+00
                                      Z.071E-03
                                                       4.047E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+0D
                                      2.043E-03
1.973E-03
1.954E-03
                                                                                                                       0.000E100
                                                       5,730E 03
4,986E-03
                                                                                                       0.000E100
                                                                                                                                       0.000E100
        485
                      0.000E+00
                                                                       0.000E100
                                                                                       0.000E100
                      0.000E+00
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
        486
                                                                                                                                       0.000E+00
0.000E+00
        487
                      0.000E+00
                                                       5.324E-03
                                                                       0,000E+D0
                                                                                       0,000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                       5.677E-03
        488
                      0.0005+00
                                      1.991E-03
                                                                       0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                                                       2.508E-03
                                                                                                       0.000E+00
                                                                                                                       0.000E+00
                      0.000E+00
                                      2.017E-03
                                                                       0.000E+00
                                                                                       0.000E+00
        489
```

```
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                              2.062E-03
2.075E-03
2.092E-03
                           0.000E+00
                                                                 3.556E-D3
                                                                                                        0.000E+00
         490
                                                                 4.316E-03
5.336E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
         491
                           0.000E+00
         492
                           0.000E+00
         493
                           0.000E+00
                                              2.117E-03
                                                                 6,871E-03
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
                                              2.162E-03
2.207E-03
                                                                 8.089E-03
7.335E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
                                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
         495
                          0.000E+00
0.000E+00
                                                                 8,200E-03
6,983E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
                                              2,257E-03
                                                                                    0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
         496
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                              2.203E-03
                                                                                    0.000E+00
         497
                           0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
                                              2.172E-03
2.196E-03
                                                                 6.267E-03
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
         498
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                 6.294E-03
5.393E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                                                           0.000E\pm00
         499
                                                                                                                                              0.000E+00
                                                                                                                           0.000E+00
                          0.000E+00
0.000E+00
                                              2,176E-03
2,125E-03
          500
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                 4.064E-03
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
         501
                                             2.016E-03
1.955E-03
1.942E-03
2.430E-03
                                                                 2.766E-03
1.737E-03
1.139E-03
4.728E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                           0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
          502
                                                                                                       0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                           0.000E+00
         503
                           0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                           0.000E+00
0.000E+00
         504
                                                                                                                                              0.000E+00
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0-000E+00
         505
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
                                              2,427E-03
2,416E-03
2,306E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                 4.915E-03
4.744E-03
                                                                                                       0.000E+00
                           0.000E+00
          506
                                                                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
                          0.000E+00
0,000E+00
0.000E+00
         507
                                                                  4.120E-03
                                                                                                       0.000E+00
                                                                                                                           0 000E+00
                                                                                                                                              0.000E+00
          508
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                       0.000E+00
                                                                                                                           0.000E+00
                                              2.324E-03
                                                                 4.619E-03
                                                                                    0 000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, Input File: g:\ace\GQ91\GQTFACE.DAT Output File: g:\ace\GQ
                                                                                                                                  * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                             TSP
                                                                        Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                               11/07/95 09:51:16
                                                                                                                                                                                                 Page
                                                                 4.249E-03
4.692E-03
4.660E-03
7.670E-03
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                    0.000E+00
                                                                                                                           0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                              2.265E-03
2.207E-03
         511
512
                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                             2.207E-03
2.225E-03
2.213E-03
2.223E-03
2.301E-03
2.321E-03
2.325E-03
2.415E-03
2.477E-03
                                                                                                                                              0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                           0.000E+00
         513
                           0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                 5.061E-03
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                 3.358E-03
                                                                                                        0.000E+00
          515
                                                                 4.408E-03
5.772E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
          517
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                 7.858E-03
                                                                                    0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
         518
                                                                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 8.858E-03
8.798E-03
8.244E-03
                           0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
                          0.000E+00
0.000E+00
          520
                                                                                                                                              0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                           0.000E+00
          521
                                                                 6.967E-03
6.862E-03
5.596E-03
3.925E-03
                                                                                                                                              0.000E+00
                                                                                                                           0.000E+00
                                              2.427E-03
2.458E-03
                           0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                          0.000E+00
0.000E+00
          523
                                                                                                       0.000E+00
0.000E+00
                                              2.415E-03
                                                                                                                           0.000E+00
          524
                                                                                                                           0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
          525
                                              2.388E-03
                                              2.242E-03
2.189E-03
2.178E-03
2.040E-03
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                 2,447E-03
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
          526
527
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                 1.485E-03
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                 1.871E-03
2.206E-03
                           0.000E+00
0.000E+00
          528
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0,000E+00
          529
                                                                                                                                                                  0.000E+00
0.000E+00
                           0.000E+00
                                              1,846E-03
                                                                 2.465E-03
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                              0.000E+00
          530
                                              2.262E-03
2.664E-03
2.639E-03
                                                                                                                           0.000E+00
                                                                 3.874E-03
4.455E-03
5.032E-03
                                                                                                       0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                           0.000E+00
0.000E+00
          532
                                                                                                                                                                  0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                    0.000E+00
          533
                                              2.637E-03
2.627E-03
2.560E-03
2.596E-03
2.614E-03
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.0008+00
                          0.000E+00
0.000E+00
0.000E+00
                                                                  5.375E-03
5.288E-03
                                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
          535
                                                                                                                                                                  0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                  4.591E-03
                                                                                                                           0.000E+00
          536
                                                                                                                           0.000E+00
                                                                                                                                                                  0.000E+00
                          0.000E+00
0.000E+00
0.000E+00
                                                                 4.906E-03
5.393E-03
4.095E-03
                                              2.400E-03
2.537E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.00DE+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
          538
                                                                                                                                              0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
          539
                                              2.596E-03
2.569E-03
2.599E-03
                                                                                                        0.00DE+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                          0.000E+00
0.000E+00
                                                                 4.619E-03
8.398E-03
          540
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.00DE+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
          541
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
                                                                  9.202E-03
                                                                                                       0.000E+00
0.000E+00
          542
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                 9.624E-03
7.794E-03
7.478E-03
                           0.000E+00
0.000E+00
0.000E+00
                                              2.668E-03
2.694E-03
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
          544
                                                                                                                                              0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
          545
                                              2.783E-03
                                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                              2.703E-03
2.721E-03
2.487E-03
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                     0.000E+00
                                                                 5.713E-03
3.638E-03
                           0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                           0.000E+00
0.000E+00
                                                                                     0.000E+00
          547
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                              0.000E+00
0.000E+00
                                                                 2.016E-03
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
          548
                                                                                                                           0.000E+00
                                                                                                        0.000E+00
                           0.000E+00
                                              2.547E-03
                                                                  2.457E-03
                                                                                     0.000E+00
          549
                                              2.461E-03
2.245E-03
2.217E-03
                                                                 2.818E-03
3.044E-03
3.130E-03
3.278E-03
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                           0.000E+00
          552
                                                                                     0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                           0.000E+00
                                              2.197E-03
2.030E-03
          553
                           0.000E+00
                                                                 3.278E-03
3.474E-03
4.198E-03
3.592E-03
4.702E-03
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
0.000E+00
          554
                                              2.733E-03
3.136E-03
2.796E-03
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
          555
                                                                                                                           0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                           0.000E+00
0.000E+00
          556
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
          557
                                                                  4.759E-03
5.295E-03
5.836E-03
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                           0.000E+00
                                               3.034E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
          550
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                           0.000E+00
0.000E+00
                                              2.969E-03
2.907E-03
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
          560
                           0.000E+00
                                               3,055E-03
                                                                  5.226E-03
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
T 11/07/95 09:51:16 Page - 20
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                              2.975E-03
2.907E-03
3.012E-03
3.053E-03
2.987E-03
3.014E-03
3.058E-03
3.156E-03
                                                                 6.033E-03
7.711E-03
1.413E-02
1.245E-02
                                                                                                                            0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  0 000E+00
                                                                                     0.000E+00
          562
563
                           0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                           0.000E+00
                                                                                     0.000E+00
                           0.000E+00
                                                                                     0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                           0.000E+00
          565
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                  1.082E-02
                                                                                     0.000E+00
                                                                                                                           0.000E+00
          566
                                                                                                                                                                  0.000E+00
                                                                                                                           0.000E+00
                           0.000E+00
                                                                  8.725E-03
8.118E-03
                                                                                     0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                            0.000E+00
          568
                           0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                  5.689E-03
                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
          569
                                                                                                                           0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                           0.000E+00
                                               3.154E-03
                                                                  3.161E-03
                                                                                                                                               0.000E+00
                                                                                                                                                                  0.000E+00
                                              2.988E-03
2.975E-03
2.763E-03
                                                                                                                            0.000E+00
                           0.000E+00
                                                                  3.178E-03
3.516E-03
          571
                           0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
          572
                                                                                                                                                                  0.000E+00
                                                                  3.920E-03
                                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                              2.653E-03
2.623E-03
2.323E-03
2.330E-03
2.204E-03
                                                                                                                            0.000E+00
                                                                                                                                               0,000E+00
                                                                  4.196E-03
4.331E-03
          574
575
                           0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
                                                                                                         0.000E+00
                                                                                                                            0.000E+00
                                                                                                                           0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                           0.000E+00
                                                                  4.336E-03
```

0.000E+00

0.000E+00

4 235E-03 4 052E-03

0.000E+00 0.000E+00

0.000E+00

0.000E+00

```
2.121E-03
3.235E-03
3.370E-03
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
                                                                     0.000E+00
                     0.000E+00
0.000E+00
                                                     4.306E-03
4.613E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        580
                                                                     0.000E+00
                                                                     0.000E+00
                                                                                                                    0,000E+00
        581
                                                                                    0.000E+00
0.000E+00
0.000E+00
                      0.000E+00
                                      3.524E-03
                                                     4.872E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                   0.000E+00
                                                     4.557E-03
4.917E-03
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        583
                     0-000E+00
                                      3.685E-03
                                                                    0.000E+00
                                      3.485E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0,000E+00
                                                                                                                                   0,000E+00
                      0.000E+00
        584
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
        585
                      0.000E+00
                                      3.478E-03
                                                     4.839E-03
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     6.102E-03
6.663E-03
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      3,588E-03
        586
                     0.000E+00
                     0.000E+00
                                      3.717E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        587
                                     3.764E-03
3.530E-03
3.729E-03
                                                     1.280E-02
8.807E-03
5.456E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                      0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        589
                     0.000E+00
        590
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                      0.000E+00
                                                     4.749E-03
5.106E-03
5.288E-03
                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
                      0.000E+00
                                      3.743E-03
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0,000E+00
                                                                                                                                   0.000E+00
                                      3.610E-03
        592
                     0.000E+00
                      0.000E+00
                                      3.438E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                     5.267E-03
5.063E-03
4.726E-03
        594
                     0.000E+00
                                      3.279E-03
                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
0.000E+00
                                     3.176E-03
2.958E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
0.000E+00
        595
        596
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        597
                     0.000E+00
                                     2.797E-03
2.665E-03
                                                     4.311E-03
3.866E-03
                                                                    0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0,000E+00
        598
                      0.000E+00
                                      2.548E-03
                                                     3.424E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        599
                                     2.488E-03
2.278E-03
2.217E-03
                                                     3.006E-03
2.623E-03
2.281E-03
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
0.000E+00
                     0.000E+00
                                                                    D 000E+00
                                                                                                                   0.000E+00
        600
                     0.000E+00
0.000E+00
                                                                     D.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
        601
                                                                     D.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
        602
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                     3.469E-03
3.683E-03
                                                     1.093E-02
1.140E-02
                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
        603
                     0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                      0.000E+00
        604
                      0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                      3.902E-03
                                                     1.193E-02
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                      4.129E-03
                                                     1.254E-02
        606
                     0.000E+00
                                                     1.328E-02
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                      0.000E+00
                                      4.370E-03
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        607
                                                     1.418E-02
1.534E-02
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                      0.000E+00
                                      4.383E-03
                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                      4 547E-03
        609
                     0 000E+00
                      0.000E+00
                                      4.608E-03
                                                     6.423E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        610
                      0.000E+00
                                      4.662E-03
                                                     6.340E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0,000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
       612
                     0.000E+00
                                      4.587E-03
                                                     6.096E-03
5.511E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                      4.226E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
       613
* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                 11/07/95
                                                                                                                                              09:51:16
                                                                                                                                                             Page
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     4.767E-03
                                                                     0.000E+00
                      0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                     0.000E+00
0.000E+00
0.000E+00
                                     3.736E-03
3.543E-03
3.434E-03
                                                     4.011E-03
3.558E-03
3.395E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
       615
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        616
        617
                                      3.134E-03
                                                     3.236E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                     3.044E-03
2.814E-03
2.710E-03
                                                     3.084E-03
2.940E-03
2.805E-03
        619
                     0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
        620
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0,000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                     2.679E-03
2.562E-03
                                                                     0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
        622
                     0.000E+00
                                      2.452E-03
                                      2.359E-03
                                                                     0.000E+00
        623
                     0.000E+00
                                                                                                                    0.000E±00
                     0.000E+00
                                      2.220E-03
                                                     2.452E-03
                                                                     U.000E+00
                                                                                    U.UUUE+00
                                                                                                    0.000E+00
                                                                                                                    U.UUUE+UU
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                     1.916E-02
1.987E-02
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
0.000E+00
                                     3.629E-03
3.759E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
        625
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        626
                                                     2.060E-02
2.139E-02
2.228E-02
                                                                                    0.000E+00
                     0.000E+00
                                      3.690E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        627
                                     3.659E-03
4.671E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
        628
                     0.000E+00
                     0.000E+00
        629
                     0.000E+00
                                      5.207E-03
                                                     2.342E-02
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
                                      5.787E-03
6,574E-03
                                                     2.513E-02
2.809E-02
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                                                                    0.000E+00
        632
                     0.000E+00
                                      6.246E-03
                                                     4.570E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        633
                                                                                    0.000E+00
                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                     0.000E+00
                                      5.423E-03
                                                     4.098E-03
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     3.699E-03
                     0.000E+00
                                      5.091E-03
        635
                                                     3.404E-03
3.167E-03
2.965E-03
                                                                                                                    0.000E+00
                     0.000E+00
                                      4,704E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        636
        637
                     0.000E+00
0.000E+00
                                      4.381E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                      4.018E-03
                                                                                                                    0,000E+00
       638
                                                                                                                                   0.000E+00
                     0.000E+00
                                      3.715E-03
                                                     2.789E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
        639
        640
                     0.000E+00
                                      3.458E-03
                                                     2.633E-03
                                                                     0.000E+00
                                                                                    0.D00E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                     2.494E-03
2.369E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
        641
                     0.000E+00
                                     3.083E-03
3.016E-03
                                                                                                                    0.000E+00
                     0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        642
                                                     2.256E-03
2.153E-03
2.058E-03
                                      2.864E-03
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                     0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                     0.000E+00
                                     2.683E-03
2.538E-03
                                                                    0.000E+00
        644
                                                                                    0.000E+00
                                                                                                    0.000E+00
                     0.000E+00
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        645
                                                                                                    0.000E+00
                     0.000E+00
                                      2.357E-03
                                                     1,972E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                     1.892E-03
1.509E-02
1.492E-02
                                                                                                                   0,000E+00
                     0.000E+00
                                     2.222E-03
3.701E-03
                                                                    0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0,000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
       648
                                                                                                    0.000E+00
0.000E+00
                     0.000E+00
                                      3,966E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                     1.465E-02
1.428E-02
1.385E-02
                                                                                                                                   0.000E+00
        650
                     0.000E+00
                                     4.244E-03
4.544E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                   D.D00E+00
                                                                                                    0.000E+00
0.000E+00
                                                                     0.000E+00
                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
       651
                     0.000E+00
                                      4.896E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                     5.353E-03
5.997E-03
                                                     1,345E-02
1,319E-02
                                                                                                                                   0.000E+00
        653
                     0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0 000E+00
                     0.000E+00
                                                                                                    0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
       654
                                      6.997E-03
                                                     1,299E-02
7,763E-03
                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
                                                                                    0.000E+00
       655
                     0.000E+00
                                      1.030E-02
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
0.000E+00
                                     7.750E-03
6.504E-03
                                                     4.467E-03
3.668E-03
                                                                     0.000E+00
0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
        657
                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
                                      5.733E-03
                                                     3.745E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                                                    0.000E+00
       660
                     0.000E+00
                                      5.215E-03
                                                     3.611E-03
3.339E-03
                                                                                    0.000E+00
0.000E+00
                                                                                                    0.000E+00
                     0,000E+00
                                      4,819E-03
                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
       661
                     0.000E+00
                                      4.482E-03
                                                     2.993E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                     4.156E-03
3.832E-03
       663
                     0.000E+00
                                                     2.630E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                     2.287E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
       664
                     0.000E+00
                                     3,529E-03
                                                     1,980E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
   DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **
Output File: g:\ace\GQ91\GQTPACE.OUT
Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 11/07/95 09:51:16 Page - 210
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                            Page -
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                     0.000E+00
                                     3,272E-03
                                                     1.782E-03
                                                                     0.000E+00
       666
                     0.000E+00
                                     3,028E-03
                                                     1.654E-03
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
```

```
2,687E-03
2,539E-03
                                                          1,375E-03
1,334E-03
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
        670
                        0.00DE+00
                        0.000E+00
                                         2.402E-03
                                                          1.306E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0,000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
        671
                                         2.274E-03
3.045E-03
                                                          1.274E-03
4.543E-03
                                                                                            0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                        0.000E+00
                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                           0.000E+00
                                                                                                                              0.000E+00
        673
                        0.0DDE+00
                                                                                                                              0,000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                        0.000E+00
                                         3.093E-03
                                                          5.112E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
        674
                                                          5.601E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                        0.000E+00
                                         3.116E-03
                                                                           0.000E+00
                                         3.676E-03
                                                          6.224E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                        0.000E+00
        676
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                         4.618E-03
                                                          6.926E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        677
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                         5.305E-03
5.952E-03
                                                          6.906E-03
7.627E-03
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        679
                                         6.901E-03
8.511E-03
1.170E-02
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                          7.267E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        680
                                                                                                                              0.000E+00
0.000E+00
                                                          1.162E-02
1.074E-02
                        0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
        681
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                             0,000E+00
                                                                                            0.000E+00
        682
                                                          1.564E-02
2.241E-02
5.112E-03
3.519E-03
3.086E-03
                        0.000E+00
                                         9.891E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0 000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
         683
                                                                                                                              0.000E+00
                                         9.730E-03
7.609E-03
                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
                        0.000E+00
0.000E+00
                                                                                            0.000E+00
        684
                                                                                            0.000E+00
                                                                                                             0,000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
        685
                                         6.445E-03
5.664E-03
5.034E-03
                                                                                                                                               0.000E+00
0.000E+00
         686
                        0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                             0 000E+00
                                                                                                                              0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0,000E+00
         687
                        0.000E+00
                                                          3,086E-03
2,596E-03
2,854E-03
2,948E-03
2,909E-03
2,776E-03
2,586E-03
                        0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
        688
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                         4.735E-03
4.455E-03
4.144E-03
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        689
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
         690
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        691
                        0.000E+00
0.000E+00
0.000E+00
                                         3.772E-03
3.521E-03
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0 000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
         693
                                                                           0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                         3.267E-03
                                                          2.372E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        694
                                         3.080E-03
                        0.000E+00
0.000E+00
0.000E+00
                                                          2.15ZE-03
1.941E-03
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                         2.888E-03
                                                                                                                                               0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        696
                                         2.714E-03
                                                          1.744E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
        697
                                        2.714E-03
2.550E-03
2.405E-03
2.305E-03
3.564E-03
                                                          1.678E-03
1.618E-03
1.543E-03
                        0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                           0.000E+00
                                                                                                             0.000E+00
        699
                        0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
         700
                        0.000E+00
0.000E+00
0.000E+00
                                                          4.522E-03
3.863E-03
5.394E-03
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0 DODE+00
                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                             0.000E+00
         702
                                         4.042E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                                               0.000E+00
         703
                                         4.320E-03
3.922E-03
                                                          5.332E-03
6.727E-03
7.269E-03
                        0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
        704
705
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              Q.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                        0.000E+00
                                         4.960E-03
                                                                           0.000E+00
         706
                                         5.262E-03
5.545E-03
5.292E-03
5.998E-03
                        0.000E+00
0.000E+00
                                                          7.042E-03
                                                                           0.000E+00
         707
                                                          7.923E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
         70B
                                                          1.053E-02
1.159E-02
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                        0.000E+00
         710
                        0.000E+00
                        0.000E+00
                                         6.010E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
        711
                                                          1,434E-02
                        0.000E+00
                                         5.875E-03
                                                          1.956E-02
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                                          4.756E-03
4.178E-03
                                         5.352E-03
5.726E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        714
                                                          3.540E-03
         715
                                         5,169E-03
                                                                                            0.000E+D0
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                          2.593E-03
2.028E-03
                                                                                                             0 000E+00
                                                                                                                              0.000E+00
                        0.000E+00
                                         4.840E-03
                                                                           0 000E+00
                                                                                            0.000E+00
                                                                                                                                               0.000E+00
                        0.000E+00
                                         4.396E-03
                                                                           0.000E+00
                                                                                            0.000E+D0
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
         717
                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                            11/07/95
                                                                                                                                                           09:51:16
                                                                                                                                                                            Page -
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.00DE+00
                                                                                            0:000E+00
                        0.000E+00
                                                                           0.000E+00
        719
720
                                                          2.174E-03
2.336E-03
                                                                           0.000E+00
0.000E+00
                        0.000E+00
0.000E+00
                                         3.882E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                         3.666E-03
3.511E-03
                                                                                            0.000E+00
                                                                                                             0.000E+0D
                                                                                                                              0.000E+00
0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                                          2.406E-03
2.399E-03
2.333E-03
                                                                                                             0.000E+00
        721
                                                                           0.000E+00
                                                                                            0.000E+00
                                         3.102E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+D0
        722
                                                                           0.000E+00
                                         2.949E-03
2.835E-03
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
         723
                        0.000E+00
0.000E+00
                                                          2.228E-03
                                                                                            0.000E+00
                                                                                                             0.000E+0D
        724
                                                                           0.000E+00
                                         2.591E-03
                                                          2.100E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
         725
                                                                           0.000E+00
                                         2.353E-03
2.338E-03
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                                          1.959E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
0.000E+00
         726
                                                          1.816E-03
1.676E-03
                                                                                                             0.000E+00
         727
                        0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                         2.338E-03
2.254E-03
2.573E-03
2.724E-03
3.709E-03
                        0.000E+00
0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
         728
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
         729
                                                          4.918E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
         730
                                                          5.321E-03
5.618E-03
                                                                           0.000E+00
                                                                                            0.000E\pm0.0
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                              0.000E+00
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
        731
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                         3.455E-03
                                                          6.007E-03
                                                                           0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
        732
                                                          5.096E-03
7.141E-03
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                        0.000E+00
                                         4.061E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                        0.000E+00
0.000E+00
                                         3.910E-03
3.651E-03
                                                                                                             0.000E+00
        734
735
                                                                           0.000E+00
                                                                                            0.000E+00
                                                          6.650E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                           0,000E+00
                        0.000E+00
                                         3.874E-03
                                                          9.60BE-03
                                                                           0,000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
         736
                                         4.220E-03
4.354E-03
                                                                           0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
                                                          1.018E-02
                                                                                            0.000E+00
        737
                                                          1.251E-02
1.561E-02
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
         738
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
         739
                        0.000E+00
                                         4.173E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                         4.338E-03
4.214E-03
                        0.000E+00
0.000E+00
                                                          1.637E-02
5.481E-03
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        740
                                                                                                                                               0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        741
                                                          4.893E-03
3.472E-03
                        0.000E+00
                                         3.824E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                         4.039E-03
                                                                           0.000E+00
0.000E+00
        743
                        0.000E+00
                                                                                            0.000E+00
                        0,000E+00
0,000E+00
                                         4.105E-03
                                                          3.480E-03
                                                                                                                                               0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        744
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                         3.828E-03
                                                          2.534E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        745
        746
                        0.000E+00
0.000E+00
                                         3.811E-03
3.623E-03
                                                          1.686E-03
1.928E-03
                                                                           D.000E+00
D.000E+00
                                                                                                             0.000E+00
                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
         747
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                         3.534E-03
                                                          1.849E-03
                                                                           0.000E+00
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        748
                                                          1.878E-03
                        0.000E+00
                                         3.118E-03
3.037E-03
                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
        749
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
                                                          1.857E-03
                                                                                                             0.000E+00
        750
                                         2.979E-03
                                                          1.968E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                           0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                         2.741E-03
2.582E-03
                                                          2.023E-03
2.029E-03
                                                                                            0.000E+00
0.000E+00
        752
                        0.000E+00
                                                                           0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
        753
                        0.000E+00
0.000E+00
                                                                           0.000E+00
                                         2.458E-03
                                                                           0.000E+00
0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                         2.400E-03
                                                          1.939E-03
                                                                                                             0.00E+00
        755
                        0.000E+00
                                                                                            0.000E+00
                                                                                                                              0.000E+00
                                         2.193E-03
                                                                                            Q.000E+00
                                                                                                             0.000E+00
                                                                                                                               0.000E+00
        756
757
                                                          1.860E-03
                                                                           0.000E+00
                        0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                        0.000E+00
                                         2.867E-03
                                                          5.170E-03
                                                                           0.000E+00
                                                                                             0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                        0.000E+00
0.000E+00
0.000E+00
                                         3.031E-03
3.226E-03
                                                                                            0.000E+00
0.000E+00
                                                                                                             0.000E+00
0.000E+00
                                                          5.605E-03
                                                                           0.000E+00
                                                                                                                              0.00DE+00
                                                                                                                               0.000E+00
                                                          4.869E-03
5.893E-03
                                                                           0.000E+00
        759
                                         3.090E-03
                                                                                            0.000E+00
                                                                                                             0.000E+00
                                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                           0.000E+00
```

668

669

0.000E+00

0.000E+00

2.847E~03

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
6.063E-03
                         0.000E+00
                                          3.308E-03
                                                                               0.000E+00
                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
         761
                         0.000E+00
0.000E+00
                                          3.144E-03
3.062E-03
                                                             6.449E-03
6.955E-03
                                                                               0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
         763
                                          2.849E-03
3.195E-03
3.241E-03
3.045E-03
3.217E-03
         764
                         0.000E+00
                                                             8.107E-03
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                       0.000E+00
                                                                               0.000E+00
0.000E+00
0.000E+00
                                                            1.010E-02
1.092E-02
                                                                                                                  0.000E+00
0.000E+00
         765
                         0.000E+00
                                                                                                0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                 0.000E+00
         766
                         0.000E+00
                         0.000E+00
                                                             1.633E-02
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         767
                                                                               0.000E+00
         768
                         0.000E+00
                                                            1.363E-02
                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      0.000E+00
                                           3.304E-03
                                                             4.313E-03
                                                                                                                   0.000E+00
                                                                               0.000E+00
                                                                                                                                    0.000E+00
                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                         0.000E+00
         769
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                   11/07/95 09:51:16 Page -
                                                           5.957E-03
5.936E-03
4.221E-03
2.853E-03
3.191E-03
                                                                                                                  0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                0.000E+00
                                                                               0.000E+00
                                                                                                                                                     0.000E+00
                         0 000E+00
                                           3.340E-03
                                           3.243E-03
                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      0.000E+00
                         0.000E+00
                                                                               0.000E+00
         771
                                          3.245E-03
                         0.000E+00
                                                                               0.000E+00
                                                                                                0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      0.000E+00
                                          3.266E-03
3.369E-03
                                                                                                                                                      0.000E+00
0.000E+00
                                                                               0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                         0.000E+00
0.000E+00
         773
                                                                                                 0.000E+00
         774
                                          3.420E-03
3.266E-03
3.155E-03
                         0.000E+00
                                                            2.299E-03
1.279E-03
                                                                               0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                         0.000E+00
0.000E+00
                                                                               0.000E+00
         776
777
                                                           1.279E-03
1.650E-03
1.823E-03
1.734E-03
1.734E-03
1.614E-03
1.614E-03
1.740E-03
1.754E-03
3.926E-03
4.835E-03
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                          3.021E-03
2.885E-03
2.741E-03
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                         0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
         779
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
         780
                                          2.741E-03
2.666E-03
2.349E-03
2.378E-03
2.301E-03
2.185E-03
2.795E-03
2.491E-03
2.905E-03
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      0.000E+00
         781
                                                                               0.000E+00
0.000E+00
                                                                                                0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
         782
                         0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         783
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                         0.000E+00
                                                                               0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
         784
                         0.000E+00
0.000E+00
         785
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         786
                         0.000E+00
0.000E+00
                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
         787
                                                                                                 0.000E+00
                                                                                                 0.000E+00
                                          2.905E-03
2.412E-03
2.726E-03
2.637E-03
2.717E-03
2.717E-03
2.600E-03
2.598E-03
2.595E-03
2.761E-03
2.702E-03
2.713E-03
         788
                                                           5.300E-03
5.327E-03
5.872E-03
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
         789
         790
                         0.000E+00
0.000E+00
                                                                               0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         791
                                                           8.032E-03
7.960E-03
1.008E-02
1.198E-02
1.628E-02
         792
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
         793
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
         794
795
                                                                               0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                         0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         796
         797
                         0.000E+00
                                                             1.142E-02
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0.000E+00
                                                           4.152E-03
5.655E-03
4.503E-03
                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
         798
                         0.000E+00
                                                                               0.000E+00
                                                                                                                   0.000E+00
         799
                         0.000E+00
                                                                               0.000E+00
                                                                                                                   0.000E+00
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
         800
                                                           3.840E-03
3.753E-03
2.543E-03
                         0.000E+00
                                          2.764E-03
2.756E-03
                                                                               0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
         801
                         0.000E+00
0.000E+00
                                                                                                                   0.000E+00
         802
                                          2.823E-03
2.858E-03
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                      0.000E+00
         803
                                                           2.944E-03
2.125E-03
1.026E-03
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                     0,000E+00
         804
                                          2.879E-03
2.879E-03
2.928E-03
2.855E-03
2.466E-03
2.587E-03
2.471E-03
2.380E-03
                         0.000E+00
0.000E+00
                                                                               0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
         805
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         806
                                                            1.313E-03
                                                                               0.000E+00
0.000E+00
                                                                                                0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
         807
                         0.000E+00
                                                             1.605E-03
                         0.000E+00
0.000E+00
         808
                                                             1.723E-03
1.627E-03
1.596E-03
                                                                                                 0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                      0.000E+00
                                                                               0.000E+00
                                                                                                                   0.000E+00
         809
                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
         810
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                         0.000E+00
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
         811
         812
                         0.000E+00
                                           2.277E-03
                                                             1.642E-03
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                       0.000E+00
                         0.000E+00
                                           2.234E-03
2.054E-03
                                                             1.565E-03
                                                                               0.000E+00
                                                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
                                                                                                                                                      0.000E+00
                                                             1.425E-03
                                                                                                 0.000E+00
                                                                                                                                                      0.000E+00
         814
                         0.000E+00
                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                    0.000E+00
```

RECEPTOR # 40 HAS MAXIMUM ACUTE HAZARD INDEX OF 3.020E-02

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTFACE.OHT 0utput File: g:\ace\GQ91\GQTFACE.OHT 11/07/95 09:51:16 Page - 213

*** ACUTE HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 40 ***

POLLUTANT	CONC (ug/m3)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE
ACROL Cu HCHO HCN Hg Ni Se XYLEN	0.000E+00 0.000E+00 0.000E+00 2.435E+01 0.000E+00 3.020E-02 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	2.500E+00 1.000E+01 3.700E+02 3.300E+03 3.000E+01 1.000E+00 2.000E+00 4.400E+03	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 7.378E-03 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.020E-02 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	0.000E+00	7.378E-03	3.020E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 214

*** ACUTE HAZARD INDEX BY SOURCE FOR PEAK RECEPTOR # 40 ***

POLLUTANT ACROL AEL (ug/m3) = 2.500E+00 BACKGR. (ug/m3) = 0.000E+00

6			CA	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE	
	RCE ####SOURCE ####################################	123456789111231456718901223456789331233456	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.00E+00 0.00E+00	0.000E+00	
	SOURCE #	37 38 39	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00	
	SOURCE # GOLDEN QU Input Fi		- SOLEDAD M	N PROJECT -	ALL RECEPTOR	S 1991 MET		* OUTPUT OF	AMI/SBCAPCE	ACE2588 MODEL 1/95 09:51:16	
	RCE # SOURCE	47 48 49 50	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	SOURCE # SOU	53 555 56 57 58 59 60 61 63 64 65 66	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.00E+00 0.00E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.00E+00 0.00E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
	SOURCE #	68 SUM =	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00		
		POLLUTANT C	u AEI	L (ug/m3) =	1.000E+01	BACKGR.	(ug/m3) =	0.000E+00			
			CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	EYE	
,	SOURCE # SOURCE # SOURCE # FOURCE # SOURCE # SOU	3 5 6 7 8 9 10	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	

SOURCE #	13 14	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	
DEN QU	EEN MINING e: g:\ace\G	- SOLEDAD MT Q91\GQTPACE.	N PROJECT - DAT	ALL RECEPTOR Output Fil	S, 1991 MET, e: g:\ace\GQ	TSP 91\GQTPACE.C	* OUTPUT OF		ACE2588 MODEL /95 09:51:16	
SOURCE ## SOURCE	156789012345678901234567890123456789012345666666666666666666666666666666666666	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	9
GOLDEN QU Input Fil	EEN MINING e: g:\ace\0	GQ91\GQTPACE.	.DAT	ALL RECEPTOR Output Fil	Le: g:\ace\G0	91\GQTPACE.	TUC	11/07	7/95 09:51:16	Page - 217
SOURCE #	67 68	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	0.000E+00 0.000E+00	0.000E+00	0.000E+00	
	sum =	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0,000E+00	0.000E+00	0.000E+00	0.000E+00	
	POLLUTANT E		L (ug/m3) =	3.700E+02		(ug/m3) =	0.000E+00			
SOURCE #	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	CV 0.000E+00	CNS 0.000E+00	IMMUN 0.000E+00	0.000E+00 0.000E+00	0.000E+00	REPRO 0.000E+00	RESP 0.000E+00	0.000E+00 0.000E+00	

```
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                       0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
SOURCE #
                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
               26
27
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
SOURCE #
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                  0.000E+00
SOURCE #
                                                                                                                                                       0.000E+00
                                                                                  0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
CE #
CE #
SOURCE #
                                               0.000E+00
               29
30
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                    0.000E+00
                                               0.000E+00
0.000E+00
                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
SOURCE #
               32
                              0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                   0.000E+00
0.000E+00
                              0.000E+00
                                               0.000E+00
                                                                0.000E+00
                33
SOURCE #
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                               0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
SOURCE #
                              0.000E+00
0.000E+00
               35
                                               0.000E+00
                36
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
                              0.000E+00
SOURCE #
                              0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
SOURCE #
SOURCE #
               38
                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
                                               0.000E+00
0.000E+00
               39
                                                                                                                    0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                40
                              0.000E+00
                                                                                                                                                       0.000E+00
                                                                0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                     0.000E+00
                              0.000E+00
                                               0.000E+00
SOURCE #
               41
                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 218
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                  Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                       0 000E+00
                              0.000E+00
                                               0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                               0.000E+00
SOURCE #
               43
                                                                                                                                                       0.000E+00
                                               0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                      0.000E+00
                                                                0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
SOURCE #
                                                                                                                                      0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                               0.000E+00
SOURCE #
               46
47
                                                                                                                    0.000E+00
                                                                                                   0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                48
                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                    0.000E+00
SOURCE #
                49
50
                                                                                                                    0.000E+00
                                                                                                                                      0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
SOURCE #
                51
52
                              0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
0.000E+00
0.000E+00
SOURCE #
                53
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                    0.000E+00
SOURCE #
SOURCE #
                54
55
                                                                                                                     0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                56
                              0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                57
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                58
                                               0.000E+00
SOURCE #
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
                59
                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                60
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
SOURCE #
                                               0.000E+00
                                                                 0.000E+00
                61
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                62
                              0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
0.000E+00
SOURCE #
                63
64
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                   0.000E+00
                                                0.000E+00
                                                                                  0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                               0.000E+00
0.000E+00
SOURCE #
                                                                                  0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
SOURCE #
                66
67
                              0.000E+00
                                                                                                                                                       0.000E+00
                                                0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
                              0.000E+00
                                                                                  0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0_000E+00
                                                                                                                                                       0.000E+00
                              0 000E+00
                                                0.000E+00
                                                                                                                                                       0.000E+00
                                                                                                   0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                  0 000E+00
                                                0.000E+00
                                                                 0 000E+00
                   SIIM = 0.000E+00
                                                                                       BACKGR. (ug/m3) =
                                                                                                                     0.000E+00
                                          AEL (ug/m3) =
                                                                  3.300E+03
             POLLUTANT HCN
                                                                                                                                                                EYE
                                                                                                        LIVER
                                                        CNS
                                                                      IMMUN
                                                                                         KIDN
                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                   0.000E+00
                                               0.000E+00
SOURCE #
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
                                                                                  0.000E+00
                                               0.000E+00
                                                                 0.000E+00
                                                                                  0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                 3
                              0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
SOURCE #
                 4
5
                              0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                 0.000E+00
                              0.000E+00
SOURCE #
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
SOURCE #
                                               0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                               0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                              0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                              0.000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
                 8
SOURCE #
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                                                                   0.000E+00
SOURCE #
                               0.000E+00
                                                0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                10
11
12
                              0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                0.000E+00
                                                                 0.000E+00
SOURCE #
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                                               0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                               0.000E+00
SOURCE #
                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
SOURCE #
SOURCE #
                              0.000E+00
0.000E+00
0.000E+00
                13
                                                                                                                     0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                0.000E+00
                                                                 0.000E+00
                                                                                                    0.000E+00
0.000E+00
                14
15
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                 0.000E+00
0.000E+00
                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                       0.000E+00
                              0.000E+00
                                                0.000E+00
                                                                                                                     * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                              11/07/95 09:51:16
                                                                                                                                                                              Page -
 Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                        0.000E+00
SOURCE #
SOURCE #
                                                0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                   0:000E+00
                               0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                               0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                19
                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                     0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                               0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
                                                0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                22
23
                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                    0.000E+00
                               0.000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                       0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                 0.000E+00
 SOURCE #
                               0.000E+00
                                                0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                0.000E+00
SOURCE #
SOURCE #
                               0.000E+00
                25
26
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
                               0.000E+00
                                                0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                27
                               0.000E+00
                                                0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                        0.000E+00
                                                0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                              0.000E+00
0.000E+00
                28
29
 SOURCE #
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
0.000E+00
 SOURCE #
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                                       0.000E+00
                               0.000E+00
                                                0.000E+00
                                                                 0.000E+00
0.000E+00
    TRCE #
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                0.000E+00
                               0.000E+00
0.000E+00
    RCE #
                31
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                    0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                0.000E+00
                                                                 0.000E+00
    JRCE #
                32
                                                                                                                     0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                    0.000E+00
SOURCE #
SOURCE #
                                                                 0.000E+00
0.000E+00
                               0.000E+00
                                                0.000E+00
                                                0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                34
35
                               0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0.000E+00
                                                                                                    0 000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
                                                                                                    0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                        0-000E+00
                                                                 0.000E+00
                                                                                   0.000E+00
 SOURCE #
                               0.000E+00
                                                0.000E+00
```

```
SOURCE #
SOURCE #
SOURCE #
                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                               0-000E+00
                                                                                                                                                      0.000E+00
                                      0.000E+00
0.000E+00
                    37
38
                                                                                                                               0.000E+00
                                                                                                                                                      0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                       0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                      0 000E+00
0 000E+00
                    40
                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
CCE #
CCE #
SOURCE #
                    41
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                          0.000E+00
                     43
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                     45
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                    46
                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                                                                      0.000E+00
                                                             0.000E+00
                                                                                                                                                      0.000E+00
                     48
                                       0.000E+00
                                      0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                   0.000E+00
                    49
50
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                                             0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                    51
52
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                     53
                                                             0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                    54
55
                                                                                                          0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                    57
58
59
                                      0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                     60
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                    61
62
                                                           2.816E-03
2.455E-03
2.107E-03
0.000E+00
6.303E-11
0.000E+00
                                                                                                                                                                            0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                    63
64
65
                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                          0.000E+00
                    66
67
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                  0.000E+00
                                                           0.000E+00
                                                                                  0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                            0.000E+00
SOURCE #
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                                               TSP
                                                                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 220
                                                                                     Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                        SUM = 0.000E+00 7.378E-03 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                 POLLUTANT Hg
                                                    AEL (ug/m3) = 3.000E+01
                                                                                                              BACKGR. (ug/m3) =
                                                                                                                                                      0.000E+00
                                                                                         IMMUN
                                                                                                                                                             REPRO
                                                                                                                                                                                    RESP
                                                                                                                                                                                                              EYE
                                                                      CNS
                                                                                                                 KIDN
                                                                                                                                     LIVER
                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                  0.000E+00
SOURCE #
                                                                                                                                                                                                0.000E+00
0.000E+00
SOURCE #
                      2
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                       0.000E+00
                                                             0.000E+00
                                                                                   0.000E+00
                      4
5
6
7
                                                                                   0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                       0.000E+00
                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                                            0.000E+00
0.000E+00
                      8
                                       0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                       0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                                       0.000E+00
0.000E+00
                    11
12
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                             0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                0.000E+00
                    14
15
                                                            0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                       0.000E+00
                                                             0.000E+00
                    17
18
19
                                                            0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                       0.000E+00
                                                             0.000E+00
                                                                                   0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                     20
                                                                                                                                0.000E+00
                                                                                                                                                                                                  0.000E+00
                     21
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                    22
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                       0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                                                                 0.000E+00
SOURCE #
                    24
25
26
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                            0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                     2.7
                     28
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
                     30
                     31
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                 0.000E+00
0.000E+00
                                       0.000E+00
                                                                                                          0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                    33
34
35
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                   0.000E+00
0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                            0.000E+00
0.000E+00
                    36
37
                                       0.000E+00
0.000E+00
                                                                                                           0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                  0.000E+00
0.000E+00
                                       0.000E+00
                                                             0.000E+00
                                                                                   0.000E+00
                                                                                                          0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
0.000E+00
                     39
                                       0.000E+00
                                       0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                   0.000E+00
                    40
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                   0.000E+00
                    41
SOURCE #
                                       0.000E+00
                                                              0.000E+00
                                                                                    0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                   0.000E+00
                                                                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 221
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                                                  Output File: g:\ace\GQ91\GQTPACE.OUT
 Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                               Page - 221
                                       0.000E+00
                                                                                    0.000E+00
                                                                                                          0.000E+00
                                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                   0.000E+00
                   44
45
46
47
48
                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
JRCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
                                       0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                                                                                          0.000E+00
```

0.000E+00

0.000E+00

```
SOURCE #
                                  0.000E+00
                                                      0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                                                                                              0.000E+00
                  50
51
52
                                                      0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                   0.000E+00
SOURCE #
                                  0.000E+00
                                   0,000E+00
                                                       0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                              0.000E+00
                  53
54
55
                                                      0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
                                   0.000E+00
                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                              0.000E+00
RCE #
                                  0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                   0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                           0.000E+00
                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                  0.000E+00
                                                                                               0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                              0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
SOURCE #
                   57
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                             0.000E+00
0.000E+00
                   58
SOURCE #
                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                              0.000E+00
SOURCE #
                                  0.000E+00
0.000E+00
                   60
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                  61
62
                                                                                                                                      0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                  0.000E+00
                                                                                                                   0.000E+00
                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                               0.000E+00
SOURCE #
                   63
                                                       0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                              0.000E+00
                   64
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                                                                          0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
                  66
67
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                                                                                              0 000E+00
                                                       0.000E+00
                                                                          0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                           0.000E+00 0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                     SUM = 0.000E + 00
                                                       0.000E+00
                                          AEL (ug/m3) =
                                                                             1.000E+00
                                                                                                   BACKGR. (ug/m3) =
                                                                                                                                       0.000E+00
               POLLUTANT Ni
                                                                                                                                                                                         EYE
                                                                CNS
                                                                                  IMMUN
                                                                                                      KIDN
                                                                                                                        LIVER
                                                                                                                                            REPRO
                                                                                                                                                                  RESP
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                                  0.000E+00
SOURCE # SOURCE #
                                                                                                                                                                              0.000E+00
                                                                          0.000E+00
                                                                          2.983E-09
3.218E-06
2.618E-06
                                                                                               0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                              0.000E+00
SOURCE # SOURCE #
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                           2.279E-06
7.756E-07
6.822E-07
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
SOURCE #
                                  0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                  0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                           0.000E+00
3.122E-08
1.496E-06
                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                           6.061E-11
3.831E-05
1.165E-02
                                                                                                                   0.000E+00
                   11
                                  0.000E+00
                                                                                               0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                               0.000E+00
                  12
13
               13
14
15
16
17
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                   0.000E+00
                                                                           8.322E-03
                                                                           6.877E-03
                                                                                                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                           2.664E-05
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                                                                               0.000E+00
                                                                           1.124E-04
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
    DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP UL File: g:\ace\CQ91\GOTFACE.DAT Output File: g:\ace\CQ91\GO
                                                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 
11/07/95 09:51:16 Page - 222
                                                                             Output File: g:\ace\GQ91\GQTPACE.OUT
SOURCE #
                                                                        3.104E-03
0.000E+00
1.836E-09
2.003E-06
                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                   0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                   0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                           0.000E+00
                  20
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                           1.641E-06
1.435E-06
                  22
23
                                  0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                              0.000E+00
                                                                         1.435E-06
4.889E-07
4.305E-07
0.000E+00
1.965E-08
9.444E-07
3.825E-11
                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                  0.000E+00
                                                      0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                  25
26
27
                                  0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                  0.000E+00
                                                                                                                   0 000E+00
                                                                                                                                                          0.000E+00
                                                                                                                                                                              0.000E+00
                                  0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                  29
30
                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
7.957E-09
8.589E-06
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                             0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                               0.000E+00
                                  0.000E+00
0.000E+00
SOURCE #
                  32
33
                                                                          6.985E-06
6.081E-06
2.069E-06
1.820E-06
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
SOURCE #
                                                     0.000E+00
0.000E+00
0.000E+00
                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                   0.000E+00
                  35
                                 0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                              0.000E+00
SOURCE #
                  36
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                   0.000E+00
                                                       0.000E+00
                                                                           0.000E+00
                                 0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                          8.330E-08
3.991E-06
SOURCE #
                  38
                  39
                                                                                                                   0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                          1.617E-10
7.811E-08
8.990E-12
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                  0.000E+00
                                                       0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
                                  0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
                  41
42
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                          0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                          6.451E-11
0.000E+00
0.000E+00
                                  0.000E+00
                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
SOURCE #
                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                               0.000E+00
                  44
45
46
                                  0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                      0.000E+00
                                                                           0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
                                                                          0.000E+00
1.332E-06
                                                                                                                   0.000E+00
                   47
                                                      0.000E+00
                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                   0.000E+00
                   48
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                      0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                  50
51
                                                     0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                                                   0 000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                  0.000E+00
0.000E+00
0.000E+00
                  53
54
55
                                                                           0.000E+00
6.342E-06
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                  56
57
                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                  0.000E+00
0.000E+00
                                                      0.000E+00
0.000E+00
                                                                           0.000E+00
0.000E+00
SOURCE #
                                                                                                                   0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
SOURCE #
IRCE #
RCE #
                                   0.000E+00
0.000E+00
                                                       0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
0.000E+00
                                                                           0.000E+00
8.468E-06
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                   59
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                       0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0.000E+00
                                                       0.000E+00
                                                                                                                   0.000E+00
                  60
                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                       0.000E+00
                                                                           0.000E+00
                                                                                               0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                           0.000E+00
                                                                                                                                                                               0 000E+00
```

```
0.000E+00
                                                                                                                                                                                    0.000E+00
 SOURCE #
SOURCE #
                     65
66
67
                                       0.000E+00
                                                              0.000E+00
                                                                                      0.000E+00
                                                                                                             0.000E+00
                                                                                                                                     0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                            0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                           0.000E+00
    NIRCE #
 THEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 223
                                                                                     3.020E-02 0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                           0.000E+00
                         SUM = 0.000E+00 0.000E+00
                                                                                         2.000E+00
                                                                                                                   BACKGR_{*} (ug/m3) =
                                                                                                                                                             0.000E+00
                  POLLUTANT Se
                                                       AEL (ug/m3) =
                                                      CV
                                                                           CNS
                                                                                               IMMUN
                                                                                                                       KIDN
                                                                                                                                           LIVER
                                                                                                                                                                 REPRO
                                                                                                                                                                                          RESP
                                                                                                                                                                                                                       EYE
                                                                                     0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                       2 3 4 5
SOURCE #
                                        0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                                                      0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                     10
                                                                                                                                      0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                           0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                                                                                                                      0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                     12
13
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                      0.000E+00
                                                                                                                                                                                                           0.000E+00
                     15
                                       0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                      16
                                         0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                     18
19
                                      0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
                                                                                                              0.000E+00
                                                                                                                                                             0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
 SOURCE #
                                         0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                           0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
 SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                           0.000E+00
                     21
22
                                         0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                      23
                                       0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                        0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                           0.000E+00
                     24
25
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                              0.000E+00
0.000E+00
                      26
                                                                                      0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                                          0.000E+00
                      27
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                      28
                                                                0.000E+00
                                                                                      0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                         0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                      29
                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                           0.000E+00
 SOURCE #
                      30
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                            0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                      32
SOURCE #
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                                           0.000E+00
                      33
                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                     35
SOURCE #
                     36
37
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                                                        0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                         0.000E+00
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                            0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
                      38
                                                                                        0.000E+00
                     39
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                     40
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                       0.000E+00
                                                                                                              0.000E+00
                     41
                                         0.000E+00
                                                                                                              0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                           0.000E+00
                                         0.000E+00
                                                                                       0.000E+00
                                                                                                                                      0.000E+00
 SOURCE #
                     42
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                               11/07/95 09:51:16
                                                                                                                                                                                                                                          Page -
 SOURCE #
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                                                                              0.000E+00
                                         0.000E+00
                                                                0.000E+00
                                                                                       0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                               0.000E+00
                                                                                                                                                             0.000E+00
                                         0.000E+00
0.000E+00
                     44
                      45
                                                                0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                     46
                                         0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                   0.000E+00
                      48
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                       0.000E+00
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                     50
51
                                      0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                       0.000E+00
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                     53
54
                                                                                       0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                              0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                            0.000E+00
0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                     56
57
                                                                                       0.000E+00
0.000E+00
                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                        0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                      59
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                            0.000E+00
                      60
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                      61
                                                                                                                                      0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                      62
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                            0.000E+00
                      63
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                           0.000E+00
0.000E+00
                                         0.000E+00
                                                                0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                   0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                      65
                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                                                        0.000E+00
                     66
67
                                                                                                                                                                               0 0.000E+00 0.000E+00
0 0.000E+00 0.000E+00
                                         0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                             0.000E+00
                                         0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                                             0.000E+00 0.000E+00 0.000E+00
                         SUM = 0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                               0.000E+00
                  POLLUTANT XYLEN
                                                AEL (ug/m3) =
                                                                                          4.400E+03
                                                                                                                    BACKGR. (ug/m3) =
                                                                                                                                                             0.000E+00
```

KIDN

CV

CNS

IMMUN

LIVER

REPRO

RESP

EYE

```
0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
SOURCE # 3

**CE # 4

**CE # 5

**ACE # 6

SOURCE # 7

SOURCE # 8

SOURCE # 10

SOURCE # 11

SOURCE # 12

SOURCE # 13

SOURCE # 14

SOURCE # 15

SOURCE # 15

SOURCE # 17
                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                 0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                                               0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                          0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                               0.000E+00
                                                                                       0.000E+00
                                                                                                               0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
11/07/95 09:51:16 Page - 225
                                                                                                                                                                                                                      09:51:16
SOURCE #
                                                                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                          0.000E+00
                                         0.000E+00
0.000E+00
                      20
21
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                                0.000E+00
                      22
23
24
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                          0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                      25
26
27
                                                                0.000E+00
                                       0.000E+00
                                                                                       0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                               0.000E+00
0.000E+00
                      28
SOURCE #
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                                               0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                      2.9
                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                      30
                                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                      32
                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                      33
                                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                      35
                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                      36
                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                       0.000E+00
0.000E+00
                      37
                                                                                                                                                                                       0.000E+00
0.000E+00
                      38
                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                      39
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
                      40
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
SOURCE #
                      41
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
 RCE #
                      43
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                         0.000E+00
SOURCE #
                                       0.000E+00
0.000E+00
0.000E+00
                      46
47
                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
                      48
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
                                      0.000E+00
0.000E+00
                      49
50
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                      51
52
53
                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                      55
56
                                                                                                                                                                                        0.000E+00
                                       0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                       0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                                                               0.000E+00
                      58
                                                                                                                 0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                               0.000E+00
                      59
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                      60
                                                                                                                 0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                      61
                                       0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                                        0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                      62
63
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                               0.000E+00
                                                                                                                                         0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                               0.000E+00
                      65
66
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                                                                0.000E+00
                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                               0.000E+00
 SOURCE #
                      68
                                          0.000E+00
 GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                 11/07/95 09:51:16 Page -
 Input File: g:\ace\GQ91\GQTPACE.DAT
                          SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 227
                                      *** MAXIMUM CHRONIC EXPOSURE BY POLLUTANT FROM ALL SOURCES ***
```

POL.	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOT M	1ILK	NON-INH	ACCEPTABL ORAL DOSE	INH CONC	BACKGR (ug/m3)	AEL (ug/m3)	HAZARD INDEX	REC.
ACROL As BENZE	0.00E+00 2.45E-07 0.00E+00	0.00E+00 4.73E-08 0.00E+00	0.00E+00 2.24E-06 0.00E+00	0.00E+00 0.00E+00 0.00E+00	0.00E+00 9.31E-07 0.00E+00	0.00E+00 0.00E+00 0.00E+00	0.00E 0.00E 0.00E	+00 +00 +00	0.00E+00 3.21E-06 0.00E+00	0.00E+00 0.00E+00 1.00E-03 0.00E+00 5.00E-03	0.00E+00 8.59E-04 0.00E+00	0.00E+00 0.00E+00 0.00E+00	2.00E-02 5.00E-01 7.10E+01	4.93E-03 0.00E+00	0 0 134 0 134

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 228

KIDN

LIVER REPRO

RESP

SKIN

*** RECEPTOR CHRONIC HAZARD INDICES BY TOXICOLOGICAL ENDPOINTS *** FROM ALL SOURCES AND POLLUTANTS

IMMUN

CNS

CV

RECEPTOR

	1234567891011213145671892012234256728933143567389441	2.562E-04 2.703E-04 2.688E-04 4.284E-04 4.264E-04 3.009E-04 3.114E-04 3.114E-04 5.188E-04 4.546E-04 4.540E-04 4.540E-04 4.540E-04 2.966E-04 2.966E-04 2.213E-04 2.20E-04 2.20E-04 2.178E-04 2.20E-04 2.20E-04 2.178E-04 2.214E-04 2.214E-04 2.391E-04 2.391E-04 2.214E-04 2.391E-04 2.742E-04 3.434E-04 4.920E-04 4.715E-04 4.920E-04 4.920E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04 5.121E-04	1.412E-03 1.660E-03 1.635E-03 2.226E-03 2.022E-03 1.508E-03 1.508E-03 1.701E-03 2.725E-03 8.997E-03 6.630E-03 6.731E-03 6.731E-03 3.201E-03 1.476E-03 1.476E-03 1.167E-03 1.232E-03 1.242E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.342E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03 1.450E-03	6.405E-05 6.293E-05 6.254E-05 1.032E-04 1.024E-04 9.262E-05 7.207E-05 7.525E-05 7.525E-05 1.302E-04 1.172E-04 1.172E-04 1.172E-04 1.172E-04 1.172E-04 1.172E-04 1.172E-04 1.172E-04 1.208E-04 1.392E-05 1.517E-05 8.059E-05 1.048E-05 5.837E-05 5.837E-05 5.837E-05 5.174E-05 6.174E	1.780E-04 1.822E-04 1.812E-04 2.930E-04 2.913E-04 2.913E-04 2.133E-04 2.133E-04 3.611E-04 1.046E-04 4.333E-04 3.172E-04 3.230E-04 3.711E-04 1.227E-04 2.239E-04 2.926E-04 1.637E-04 1.564E-04 1.564E-04 1.487E-04 1.583E-04 1.487E-04 1.583E-04	1.067E-04 1.116E-04 1.110E-04 1.776E-04 1.767E-04 1.767E-04 1.292E-04 1.292E-04 1.347E-04 2.162E-04 1.873E-04 1.904E-04 1.904E-04 1.904E-04 2.173E-04 7.432E-05 1.233E-04 1.340E-04 1.757E-05 9.611E-05 9.168E-05 9.168E-05 9.168E-05 9.28E-05 9.28E-05 9.28E-05 9.28E-05 9.28E-05 9.329E-05 9.329E-05 1.097E-04 1.097E-04 1.097E-04 1.097E-04 1.097E-04 1.156E-04 1.146E-04 1.146E-04 2.064E-04 1.984E-04 2.441E-04	5.995E-05 5.830E-05 9.639E-05 9.639E-05 8.651E-05 6.730E-05 7.330E-05 1.219E-04 1.100E-04 1.124E-04 1.124E-04 1.124E-04 1.124E-04 1.124E-05 7.544E-05 7.544E-05 7.544E-05 5.725E-05 5.483E-05 4.861E-05 5.725E-05 5.483E-05 5.268E-05 4.861E-05 5.268E-05 5.272E-05 5.601E-05 6.544E-05	7. 440E-04 5. 035E-04 4. 986E-04 1. 008E-03 9. 878E-04 6. 833E-04 1. 538E-03 1. 633E-03 1. 697E-03 1. 753E-03 2. 108E-04 1. 285E-04 1. 405E-03 1. 697E-03 1. 753E-03 2. 108E-04 9. 491E-04 1. 185E-04 8. 958E-04 8. 958E-04 8. 958E-04 8. 958E-04 8. 958E-04 8. 958E-04 8. 105E-04 8. 105E-04 1. 131E-03 1. 309E-03 1. 750E-03 1. 750E-03 1. 750E-03 1. 832E-03 1. 832E-03 1. 832E-03 1. 832E-03 1. 832E-03	1.963E-04 2.117E-04 3.321E-04 3.321E-04 2.985E-04 2.985E-04 2.316E-04 3.969E-04 4.946E-04 3.411E-04 3.416E-04 3.411E-04 1.388E-04 2.459E-04 1.713E-04 1.713E-04 1.713E-04 1.713E-04 1.539E-04 1.539E-04 1.545E-04 1.545E-04 1.545E-04 1.551E-04 1.551E	
GOLDEN Input	42 QUEEN MII File: g:\a	5.029E-04 NING - SOLEDA ace\GQ91\GQTI	4.250E-03 AD MTN PROJEC PACE.DAT	1.316E-04 CT - ALL RECI Output	3.562E-04 EPTORS, 1991 t File: g:\ao	2.106E-04 MET, TSP ce\GQ91\GQTPA	1.234E-04 * OUTPU CE.OUT	1.814E-03	3.795E-04 CAPCD ACE2588 MOD 11/07/95 09:51:	
	43 44 44 45 46 47 48 49 551 552 553 555 557 558 59 661 662 663 665 666	4.912E-04 3.700E-04 3.162E-04 4.936E-04 6.187E-04 6.728E-04 6.508E-04 6.431E-04 6.144E-04 5.738E-04 4.805E-04 3.689E-04 3.013E-04 3.192E-04 3.192E-04 3.192E-04 3.493E-04 3.892E-04 5.148E-04 5.772E-04	3.987E-03 2.848E-03 2.211E-03 3.612E-03 6.847E-03 3.436E-03 1.839E-02 1.313E-02 1.994E-02 1.474E-02 9.585E-03 6.979E-03 5.413E-03 3.476E-03 3.476E-03 3.975E-03 3.975E-03 3.919E-03 4.737E-03 5.710E-03 5.710E-03 7.011E-03 8.328E-03 1.474E-02	1.289E-04 9.631E-05 8.189E-05 1.288E-04 1.633E-04 1.649E-04 1.775E-04 1.629E-04 1.524E-04 1.399E-04 1.183E-04 1.183E-04 1.183E-05 7.577E-05 7.403E-05 7.977E-05 7.907E-05 8.652E-05 9.599E-05 1.077E-04 1.244E-04 1.409E-04	3.484E-04 2.617E-04 2.231E-04 3.492E-04 4.399E-04 4.739E-04 4.739E-04 4.254E-04 3.944E-04 2.883E-04 2.565E-04 2.101E-04 2.202E-04 2.202E-04 2.202E-04 2.419E-04 2.689E-04 3.524E-04 3.969E-04	2.057E-04 1.549E-04 1.323E-04 2.563E-04 2.777E-04 2.7725E-04 2.725E-04 2.556E-04 1.732E-04 1.732E-04 1.379E-04 1.256E-04 1.330E-04 1.330E-04 1.330E-04 1.330E-04 1.330E-04 1.330E-04 1.330E-04 1.345E-04 1.345E-04 1.345E-04	1.210E-04 9.033E-05 7.678E-05 1.209E-04 1.533E-04 1.738E-04 1.582E-04 1.582E-04 1.308E-04 1.308E-04 1.106E-04 9.659E-05 8.621E-05 7.774E-05 7.774E-05 7.930E-05 8.930E-05 8.94E-05 8.978E-05 1.007E-04 1.162E-04 1.317E-04	1.798E-03 1.305E-03 1.090E-03 1.763E-03 2.3188E-03 2.961E-03 2.961E-03 1.995E-03 1.711E-03 1.454E-03 1.2868E-03 1.162E-03 1.065E-04 8.712E-04 9.249E-04 9.249E-04 9.249E-04 9.662E-04 1.051E-03 1.21E-03 1.21E-03 1.233E-03	3.702E-04 2.797E-04 2.394E-04 4.655E-04 4.989E-04 4.937E-04 4.926E-04 4.905E-04 4.718E-04 4.430E-04 3.698E-04 3.195E-04 2.827E-04 2.529E-04 2.303E-04 2.259E-04 2.46E-04 2.428E-04 2.683E-04 2.94E-04 3.986E-04 4.454E-04	

```
1.237E-02
1.825E-02
2.975E-02
2.401E-02
                                                                                                                                            1.741E-03
                                                                                                                        1.574E-04
                                                                1.684E-04
                                                                                   4.751E-04
                                                                                                      2.870E-04
                          6.913E-04
8.650E-04
                                                                2.105E-04
2.911E-04
                                                                                  5.945E-04
8.238E-04
                                                                                                     3.591E-04
4.944E-04
                                                                                                                        1.968E-04
2.723E-04
                                                                                                                                            2.167E-03
3.195E-03
                                                                                                                                                               6.682E-04
           68
                          1.180E-03
                                                                3.976E-04
                                                                                   1.112E-03
                                                                                                      6.637E-04
                                                                                                                         3.722E-04
                                                                                                                                            4.724E-03
                                                                                                                                                               1-210E-03
          70
71
                          1 582E-03
                                                                                  9.165E-04
6.181E-04
5.115E-04
                                                                                                      5.521E-04
3.739E-04
                                                                                                                        3.019E-04
                                                                                                                                            3.383E-03
2.132E-03
                                                                                                                                                               1.020E-03
                                             1.649E-02
                                                                3.229E-04
                                                                                                                         2.023E-04
                          8.979E-04
7.583E-04
6.314E-04
                                             1.152E-02
7.902E-03
                                                                2.166E-04
1.766E-04
                                                                                                                        1.647E-04
1.379E-04
                                                                                                                                            1.420E-03
1.230E-03
                                                                                                      3.131E-04
                                                                                                                                                               5.936E-04
           73
                                                                                                                                                               4.935E-04
                                                                                   4.271E-04
5.471E-04
5.441E-04
                                                                                                      2.610E-04
3.295E-04
                                                                1.479E-04
1.926E-04
                                             5.757E-03
                                                                                                                         1.800E-04
                                                                                                                                            2.016E-03
                                                                                                                                                               6.087E-04
                                             6.304E-03
6.800E-03
7.160E-03
                          7.888E-04
                                                                1.882E-04
2.427E-04
2.381E-04
                                                                                                      3.323E-04
                                                                                                                        1.755E-04
2.262E-04
                                                                                                                                            1.574E-03
1.891E-03
                                                                                                                                                              6.274E-04
8.207E-04
                          8.029E-04
           76
                                                                                   7.067E-04
                                                                                                      4.329E-04
4.185E-04
           77
                                                                                   6.875E-04
                                                                                                                         2.22E-04
                                                                                                                                            2.092E-03
                                                                                                                                                               7.858E-04
                          1.008E-03
7.833E-04
6.062E-04
                                             6.906E-03
5.813E-03
           78
                                                                                                      3.263E-04
2.524E-04
1.974E-04
                                                                                                                                            1.814E-03
1.432E-03
1.160E-03
8.780E-04
                                                                                                                        1.757E-04
1.365E-04
                                                                1.882E-04
                                                                                   5.388E-04
                                                                                                                                                               6.076E-04
           79
                                                                                                                                                               4.697E-04
                                                                                   4.172E-04
3.268E-04
                                                                1.461E-04
1.149E-04
           80
                                             4.760E-03
                                                                                                                         1.074E-04
                                                                                                                                                               3.667E-04
                                             3.889E-03
3.194E-03
           81
                          4.741E-04
3.748E-04
                                                                                                      1.557E-04
1.897E-04
2.053E-04
                                                                9.022E-05
                                                                                   2.570E-04
                                                                                                                        8.427E-05
1.051E-04
                                                                                                                                                               2.906E-04
           82
                                                                                                                                            1.257E-03
1.387E-03
                                                                                                                                                               3.485E-04
3.761E-04
                           4.537E-04
                                                                1.124E-04
1.219E-04
                                                                                   3.162E-04
3.429E-04
                                             3.499E-03
           83
                                                                                                                         1.141E-04
                                             3.685E-03
3.643E-03
                          4.901E-04
                                                                                                      1.867E-04
2.124E-04
2.123E-04
2.504E-04
1.937E-04
2.185E-04
                          4.502E-04
5.099E-04
                                                                                                                         1.007E-04
                                                                                                                                            1.020E-03
1.330E-03
1.364E-03
                                                                                                                                                              3.496E-04
                                                                1.078E-04
                                                                                   3.076E-04
           85
                                                                1.250E-04
1.254E-04
                                                                                                                         1.168E-04
                                                                                                                                                               3.931E-04
                                             3.654E-03
                                                                                   3.527E-04
3.530E-04
           86
                                                                                                                                                               3.921E-04
4.534E-04
                                                                                                                         1.173E-04
                                             3.512E-03
3.380E-03
                          5.094E-04
           87
                                                                                                                                            1.938E-03
1.183E-03
                                                                                                                        1.428E-04
1.063E-04
                          5.962E-04
                                                                1.524E-04
                                                                                   4.214E-04
           88
                                                                                                                                                               3.597E-04
                                                                1.137E-04
1.284E-04
                                                                                   3.209E-04
3.623E-04
                                             3.002E-03
           89
                           4.660E-04
                                                                                                                        1.201E-04
1.559E-04
1.534E-04
                                                                                                                                            1.348E-03
                                                                                                                                                               4.055E-04
                                             3.004E-03
           90
                          5.255E-04
                                                                                                      2.774E-04
2.789E-04
2.898E-04
                                                                                                                                            1.961E-03
1.725E-03
                                                                                                                                                               5.083E-04
                          6.642E-04
                                             3.095E-03
                                                                1.666E-04
                                                                                   4.637E-04
           91
92
                                                                                   4.623E-04
4.776E-04
                                                                                                                                                               5.177E-04
                          6.710E-04
6.994E-04
7.308E-04
                                             3.032E-03
3.111E-03
3.204E-03
                                                                1.640E-04
1.678E-04
                                                                                                                         1.567E-04
                                                                                                                                            1.603E-03
                                                                                                                                                               5-427E-04
           93
                                                                                                                         1.615E-04
                                                                                                                                            1.537E-03
                                                                                                                                                               5.694E-04
                                                                1.730E-04
                                                                                   4.962E-04
                                                                                                      3.023E-04
                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 230
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                            1.430E-03
1.372E-03
1.674E-03
2.299E-03
3.190E-03
                                                                                                                         1.629E-04
                                                                                                      3.089E-04
                                                                                                                                                               5.851E-04
                                                                                    5.051E-04
                          7.481E-04
7.751E-04
                                             3.369E-03
                                                                1.747E-04
                                                                                                                        1.670E-04
1.980E-04
2.504E-04
                                                                                                                                                              6.081E-04
                                             3.565E-03
3.944E-03
4.488E-03
                                                                1.792E-04
2.125E-04
2.684E-04
                                                                                   5.211E-04
6.162E-04
7.732E-04
                                                                                                      3.197E-04
3.776E-04
4.718E-04
           96
                                                                                                                                                               7.168E-04
8.904E-04
                          9.149E-04
           97
                          1.141E-03
           98
                                                                                                                         3.190E-04
                                                                                                                                                               1.112E-03
                                             5.169E-03
5.037E-03
4.390E-03
                                                                3.417E-04
3.515E-04
2.748E-04
                                                                                                      5.932E-04
5.978E-04
                                                                                   9.767E-04
9.919E-04
           99
                           1.431E-03
                                                                                                                                            3.719E-03
2.592E-03
1.752E-03
                                                                                                                         3.286E-04
                                                                                                                                                               1.107E-03
          100
                           1.436E-03
                                                                                                      4.762E-04
3.745E-04
                                                                                                                        2.566E-04
1.978E-04
                                                                                                                                                               8.919E-04
7.089E-04
                                                                                   7.844E-04
                           1.148E-03
         101
                           9.067E-04
                                             3.858E-03
                                                                2.121E-04
                                                                                   6.125E-04
          102
                                                                2.128E-04
1.983E-04
                                                                                   6.079E-04
5.638E-04
                                                                                                      3.695E-04
                                                                                                                         1.986E-04
                                                                                                                                            1.967E-03
                                                                                                                                                               6.938E-04
                                             3.692E-03
3.544E-03
                          8.924E-04
          103
                                                                                                                                            1.923E-03
1.752E-03
                                                                                                                                                               6.393E-04
5.993E-04
                                                                                                      3.418E-04
                                                                                                                         1.852E-04
                          8.246E-04
7.719E-04
          104
                                                                                                                         1.726E-04
                                             3.352E-03
                                                                1.849E-04
                                                                                   5.267E-04
5.207E-04
                                                                                                      3.198E-04
          105
                                                                1.850E-04
                                                                                                      3.138E-04
                                                                                                                         1.729E-04
                                                                                                                                            1.970E-03
                                                                                                                                                               5.816E-04
                          7.546E-04
7.379E-04
                                             3.262E-03
          106
                                                                                                                                            2.199E-03
5.423E-03
3.746E-03
2.293E-03
2.985E-03
                                                                                   5.157E-04
9.861E-04
7.708E-04
                                                                                                                         1.736E-04
3.449E-04
2.640E-04
                                             3.297E-03
                                                                1.854E-04
                                                                                                      3.084E-04
                                                                                                                                                               5.643E-04
          107
                                                                                                                                                               1.029E-03
                                                                3.672E-04
2.816E-04
2.207E-04
                                              4.242E-03
                                                                                                      5 786E-04
          108
                           1.374E-03
                                                                                                                                                               8.235E-04
6.985E-04
7.974E-04
                                                                                                      4.565E-04
                                             3.917E-03
3.775E-03
          109
                           1.088E-03
                                                                                    6.229E-04
                                                                                                                         2.062E-04
2.428E-04
                           9.048E-04
                                                                                                      3.760E-04
          110
                                             4.221E-03
4.875E-03
                                                                2.594E-04
3.377E-04
                                                                                   7.251E-04
9.290E-04
                                                                                                      4.344E-04
                           1.040E-03
          111
                                                                                                      5.515E-04
6.476E-04
1.153E-03
                                                                                                                                            4.364E-03
5.833E-03
                                                                                                                                                               9.983E-04
1.157E-03
                                                                                                                         3.165E-04
                          1.315E-03
1.539E-03
          112
                                                                                                                         3.824E-04
7.012E-04
                                                                                   1.101E-03
1.976E-03
                                              5.063E-03
                                                                4.073E-04
          113
                                                                                                                                            1.170E-02
                                                                                                                                                               2.034E-03
                           2.735E-03
                                             6.661E-03
                                                                7.459E-04
                                                                5.189E-04
3.352E-04
                                                                                    1.395E-03
                                                                                                      8.194E-04
                                                                                                                         4.872E-04
                                                                                                                                            7.592E-03
4.454E-03
                                                                                                                                                               1.460E-03
9.806E-04
                          1.948E-03
1.295E-03
                                             6.299E-03
5.575E-03
          115
                                                                                                                         3.143E-04
4.120E-04
7.365E-04
                                                                                                      5.438E-04
7.012E-04
                                                                                    9.182E-04
          116
                                                                                                                                                               1.257E-03
                                                                                                                                            6.166E-03
                           1.669E-03
                                             6.324E-03
7.758E-03
                                                                4.391E-04
7.838E-04
                                                                                    1.189E-03
                                                                                    2.088E-03
                                                                                                       1.221E-03
                                                                                                                                            1.197E-02
                                                                                                                                                               2.164E-03
                          2.900E-03
1.308E-03
          118
                                                                                                                                            3.612E-03
2.923E-03
                                                                                                                                                               1.005E-03
                                                                                                                         3.030E-04
2.886E-04
                                             6.869E-03
                                                                3.239E-04
                                                                                    9.106E-04
                                                                                                      5.465E-04
5.375E-04
          119
                                                                                                                                                               1.003E-03
                                                                                    8 866E-04
                                              7.655E-03
                                                                3.091E-04
          120
                           1.291E~03
                                                                3.667E-04
4.031E-04
                                                                                   1.044E-03
1.123E-03
                                                                                                                         3.426E-04
3.773E-04
                                                                                                                                                               1.171E-03
1.228E-03
                                                                                                      6.306E-04
                                                                                                                                            3.686E-03
                                             8.068E-03
7.496E-03
                           1.514E-03
          121
                                                                                                                                            4.766E-03
8.926E-03
                                                                                                       6.713E-04
                           1.606E-03
          122
                                                                                                                         6.210E-04
5.260E-04
                                                                                   1.805E-03
1.569E-03
                                                                                                      1.068E-03
                           2.548E-03
                                              8.791E-03
                                                                6.621E-04
          123
                                             9.230E-03
                                                                                                       9.399E-04
                                                                                                                                            6.486E-03
                                                                                                                                                               1.726E-03
                          2.252E-03
3.128E-03
4.721E-03
                                                                5.620E-04
8.066E-04
                                                                                                                         7.561E-04
                                             1.051E-02
                                                                                    2.208E-03
                                                                                                      1.310E-03
                                                                                                                                            1.057E-02
1.755E-02
                                                                                                                                                               2.372E-03
3.554E-03
          125
                                                                                                                         1.167E-03
1.321E-03
9.994E-04
                                              1.253E-02
                                                                1.244E-03
                                                                                    3.360E-03
                                                                                                      1.981E-03
          126
                                                                                                       2.197E-03
                                                                                                                                            2.126E-02
                                                                                                                                                               3.901E-03
                                             1.186E-02
9.709E-03
7.417E-03
                                                                                   3.751E-03
2.847E-03
                                                                1.406E-03
1.064E-03
          127
                           5.222E-03
                                                                                                                                                               2.968E-03
1.844E-03
1.580E-03
                                                                                                                                            1.589E-02
8.570E-03
6.705E-03
                                                                                                       1.669E-03
                          3.967E-03
2.439E-03
          128
                                                                                                                         5.950E-04
4.969E-04
                                                                 6.344E-04
                                                                                    1.730E-03
                                                                                                       1.023E-03
          129
                                                                                    1.461E-03
                                                                                                       8.692E-04
                                                                5.304E-04
5.744E-04
1.179E-03
                           2.077E-03
                                              6.322E-03
                                                                                                                                            6.801E-03
1.727E-02
2.565E-02
2.791E-02
                                                                                                                                                               1.749E-03
3.315E-03
                                                                                    1.595E-03
                                                                                                       9.543E-04
                                                                                                                          5.377E-04
                                             6.662E-03
9.262E-03
          131
                           2.287E-03
                                                                                                                         1.107E-03
                           4.422E-03
                                                                                    3.160E-03
                                                                                                       1.857E-03
                                                                                                                         1.547E-03
1.691E-03
          132
                                                                                   4.360E-03
4.770E-03
                                                                                                                                                               4.501E-03
                                                                                                      2.546E-03
2.786E-03
                                             1.154E-02
1.217E-02
                                                                1.646E-03
1.799E-03
          133
                           6.048E-03
                                                                                                                                                               4.932E-03
                           6.623E-03
3.243E-03
2.104E-03
          134
                                                                                                                                            1.110E-02
                                                                                                                                                               2.457E-03
                                              8.074E-03
                                                                 8.385E-04
                                                                                    2.289E-03
                                                                                                      1.358E-03
8.770E-04
                                                                                                                         7.862E-04
4.898E-04
          135
                                                                                                                                            5.964E-03
4.928E-03
4.304E-03
                                             6.410E-03
6.694E-03
                                                                5.235E-04
5.343E-04
                                                                                    1.462E-03
                                                                                                                                                               1.614E-03
          136
                                                                                                                         4.988E-04
4.587E-04
                                                                                                                                                               1.743E-03
1.623E-03
                                                                                    1.531E-03
                                                                                                       9.304E-04
          137
                           2.242E-03
                           2.082E-03
                                              6.663E-03
                                                                 4.916E-04
                                                                                    1,418E-03
                                                                                                      8.636E-04
1.019E-03
          138
                                                                                                                         5.518E-04
4.935E-04
5.468E-04
3.712E-04
                                                                                                                                                               1.899E-03
                                                                                                                                             5.788E-03
                                                                                   1.683E-03
1.504E-03
                           2.451E-03
                                              7.230E-03
6.904E-03
                                                                 5.907E-04
5.283E-04
          139
                                                                                                                                            5.238E-03
6.702E-03
4.195E-03
                                                                                                                                                               1.693E-03
1.798E-03
                                                                                                       9.097E-04
                           2.187E-03
2.344E-03
          140
                                                                                                       9.779E-04
6.759E-04
                                              6.483E-03
                                                                 5.843E-04
                                                                                    1.631E-03
          141
                                                                                                                                                               1.251E-03
                                                                                    1.122E-03
                           1.622E-03
                                              5.292E-03
                                                                 3.970E-04
                                                                2.802E-04
2.749E-04
                                                                                    8.019E-04
                                                                                                                          2.617E-04
                                                                                                                                            2.672E-03
3.055E-03
                                                                                                                                                               9.072E-04
                                                                                                       4.860E-04
                           1.169E-03
1.111E-03
9.467E-04
          143
                                              4.445E-03
                                                                                    7.725E-04
6.455E-04
                                                                                                                                                               8.541E-04
7.369E-04
                                              4.073E-03
                                                                                                       4.639E-04
                                                                                                                          2.572E-04
          144
                                                                                                                          2.098E-04
                                                                 2.248E-04
                                                                                                                                             2.033E-03
          145
                                              3.958E-03
                                                                                                       3.926E-04
                                                                                    5.919E-04
                                                                                                       3.624E-04
                                                                                                                          1.904E-04
                                                                                                                                             1.633E-03
                                                                                                                                                                6.872E-04
                           8.776E-04
                                              3.842E-03
                                                                 2.043E-04
                                                                                                                                * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 231
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                               6.426E-04
                                                                                                                                             1.440E-03
                                                                 1.892E-04
                                                                                                                          1.763E-04
                                                                                    5.504E-04
                                                                                                       3 378E-04
                                                                                                                                                                6.067E-04
                                                                                                                          1.667E-04
                                                                                                                                             1.369E-03
                           7.734E-04
6.742E-04
5.904E-04
                                                                                                       3.190E-04
                                                                                    5.200E-04
                                              3.560E-03
3.264E-03
                                                                 1.788E-04
1.560E-04
          148
                                                                                    4.534E-04
3.970E-04
                                                                                                       2.781E-04
                                                                                                                          1.454E-04
                                                                                                                                             1.200E-03
                                                                                                                                                               5.288E-04
          149
150
                                                                                                                                             1.048E-03
                                                                                                                          1.2/3E-04
                                                                                                                                                                4.632E-04
                                                                                                       2.435E-04
2.554E-04
                                              3.006E-03
                                                                 1.366E-04
                                                                                                                                             1.111E-03
                                                                                                                                                                4.855E-04
                                              3.111E-03
3.179E-03
2.926E-03
                                                                 1.434E 04
1.534E-04
1.322E-04
                                                                                    4.166E-04
                                                                                                                          1.337E-04
          151
152
153
                           6.191E-04
                                                                                                                                             1.280E-03
1.081E-03
9.817E-04
                                                                                    4.430E-04
                                                                                                       2.707E-04
                                                                                                                          1.431E-04
                                                                                                                                                               5.118E-04
                           6.549E-04
5.661E-04
                                                                                                                                                               4.428E-04
                                                                                    3.822E-04
3.415E-04
                                                                                                       2.338E-04
2.087E-04
                                                                                                                          1.233E-04
                                                                                                                          1.103E-04
                                                                                                                                                               3.951E-04
                           5.054E-04
                                              2.718E-03
2.538E-03
                                                                 1.183E-04
                                                                 1.077E-04
                                                                                    3.104E-04
                                                                                                       1.896E-04
                                                                                                                          1.005E-04
                                                                                                                                             9.104E-04
                                                                                                                                                               3.583E-04
                           4.588E-04
```

```
2.099E-04
2.290E-04
2.167E-04
2.065E-04
                                              2.531E-03
2.570E-03
2.486E-03
2.440E-03
                                                                 1.217E-04
1.350E-04
                                                                                    3.465E-04
3.810E-04
         156
157
                           5.056E-04
5.482E-04
                                                                                                                                              1.472E-03
1.292E-03
                                                                                                                                                                  4.219E-04
4.026E-04
                                                                                                                           1.263E-04
                                                                 1.266E-04
1.207E-04
          158
                           5.209E-04
                                                                                     3.587E-04
                                                                                                                           1.183E-04
                                                                                     3.418E-04
                                                                                                                           1.128E-04
                                                                                                                                               1.229E-03
                                                                                                                                                                  3.842E-04
                           4 970E-04
         159
                                                                                                                                               1.005E-03
                                                                  1.058E-04
                                                                                                                           9.884E-05
9.388E-05
                                                                                                                                                                  3.429E-04
3.224E-04
          160
                                              2.275E-03
                                                                                     3.014E-04
                                                                                                        1.830E-04
                                                                                                                                               9.926E-04
                                              2.180E-03
2.358E-03
2.569E-03
                           4.163E-04
                                                                 1.005E-04
                                                                                     2.850E-04
                                                                                                        1.726E-04
                                                                  1.114E-04
                                                                                                                                                                  3.562E-04
4.069E-04
                                                                                     3.154E-04
                                                                                                        1.909E-04
                                                                                                                           1.041E-04
                                                                                                                                               1.115E-03
                           4,603E-04
         162
                                                                                                                           1.203E-04
1.535E-04
1.765E-04
                           5.273E-04
                                                                                                        2.191E-04
2.725E-04
          163
                                                                 1.287E-04
                                                                                     3.630E-04
                                                                                                                                               1.345E-03
                           6.506E-04
7.451E-04
6.931E-04
5.446E-04
4.247E-04
3.561E-04
                                                                                                                                               1.967E-03
                                                                                                                                                                  4.971E-04
                                                                 1.639E-04
1.885E-04
                                                                                     4.565E-04
                                              2.854E-03
          164
                                              3.113E-03
                                                                                     5.236E-04
                                                                                                        3.122E-04
                                                                                                                                               2.299E-03
                                                                                                                                                                  5.685E-04
          165
                                              2.868E-03
2.505E-03
                                                                 1.781E-04
1.399E-04
                                                                                     4.903E-04
3.848E-04
                                                                                                        2.910E-04
2.285E-04
                                                                                                                           1.669E-04
1.311E-04
                                                                                                                                               2.305E-03
1.806E-03
                                                                                                                                                                  5.262E-04
          166
                                                                                                                                                                  4.135E-04
          167
                                                                                                        1.772E-04
1.485E-04
1.535E-04
                                                                                                                                                                  3.242E-04
2.716E-04
2.807E-04
                                                                                     2.966E-04
2.488E-04
2.571E-04
                                              2.123E-03
                                                                  1.073E-04
                                                                                                                            1.005E-04
                                                                                                                                               1.302E-03
          168
                                                                                                                                              1.104E-03
1.141E-03
1.219E-03
1.267E-03
1.281E-03
                                                                                                                           8,446E-05
8.727E-05
                                                                 9.017E-05
9.318E-05
                                              1.841E-03
          170
                           3.679E-04
3.837E-04
                                              1.888E-03
                                                                                     2.688E-04
2.727E-04
2.702E-04
                                                                                                                                                                  2.922E-04
2.952E-04
2.914E-04
                                              1.916E-03
                                                                  9.766E-05
                                                                                                        1.60ZE-04
                                                                                                                           9.149E-05
          171
                                              1.972E-03
2.020E-03
2.399E-03
                                                                                                        1.622E-04
1.605E-04
                                                                 9.939E-05
9.873E-05
                                                                                                                           9.314E-05
9.254E-05
          172
                           3.883E-04
          173
                           3.840E-04
                                                                                                                                                                  3.493E-04
4.220E-04
                           4.580E-04
5.510E-04
                                                                  1.161E-04
                                                                                     3.202E-04
                                                                                                        1.911E-04
                                                                                                                           1.087E-04
                                                                                                                                               1,426E-03
          174
                                                                                    3.829E-04
4.950E-04
5.662E-04
5.244E-04
5.797E-04
                                                                                                        2.295E-04
2.979E-04
                                                                                                                           1.290E-04
1.653E-04
                                                                                                                                               1,603E-03
                                              2.889E-03
                                                                 1.378E-04
1.767E-04
                                                                                                                                               1,936E-03
                                                                                                                                                                   5.512E-04
                           7.165E-04
                                              3.532E-03
         176
177
                           8.166E-04
7.506E-04
                                              4.015E-03
                                                                 2.028E-04
                                                                                                        3.400E-04
                                                                                                                           1,897E-04
                                                                                                                                               2.290E-03
                                                                                                                                                                  6.268E-04
                                              4.216E-03
4.646E-03
5.229E-03
                                                                                                                                                                  5.728E-04
6.379E-04
7.682E-04
                                                                 1.898E-04
2.088E-04
                                                                                                        3.131E-04
3.472E-04
                                                                                                                           1.778E-04
1.954E-04
                                                                                                                                               2.313E-03
2.446E-03
          178
                           B.334E-04
                                                                                     6.901E-04
7.601E-04
5.680E-04
                                                                                                                                               2.699E-03
2.960E-03
2.289E-03
                                                                 2.463E-04
                                                                                                        4.153E-04
                                                                                                                           2.304E-04
                           9.986E-04
          180
                                              5.739E-03
4.488E-03
3.382E-03
                                                                 2.711E-04
2.034E-04
1.487E-04
                                                                                                        4.575E-04
3.411E-04
2.460E-04
                                                                                                                           2.535E-04
                                                                                                                                                                  8.464E-04
6.292E-04
          181
                           1.100E-03
                                                                                                                           1,903E-04
                           8.195E-04
          182
                           5.897E-04
                                                                                     4.118E-04
                                                                                                                           1.393E-04
                                                                                                                                               1,792E-03
                                                                                                                                                                   4.504E-04
          183
                                              2,638E-03
2,181E-03
                                                                                                        1.812E-04
1.492E-04
1.539E-04
                                                                                                                                                                  3.277E-04
2.675E-04
                           4.327E-04
                                                                 1.120E-04
9.361E-05
                                                                                     3.057E-04
2.531E-04
                                                                                                                           1.050E-04
8,785E-05
                                                                                                                                               1.487E-03
1.321E-03
          185
                           3 553E-04
                                                                 9.598E-05
9.550E-05
9.700E-05
                                              2.134E-03
2.078E-03
                                                                                                                                                                  2.771E-04
2.782E-04
                           3.672E-04
                                                                                     2.605E-04
                                                                                                                           9.003E-05
                                                                                                                                               1.319E-03
          186
                                                                                     2.601E-04
2.653E-04
                                                                                                                           8.956E-05
                                                                                                                                               1.284E-03
                           3.677E-04
3.768E-04
                                                                                                        1.540E-04
1.576E-04
          187
                                                                                                                                               1.264E-03
                                                                                                                                                                  2.859E-04
                                                                                                                           9,093E-05
                                              2.054E-03
          188
                           3.840E-04
                                              2.020E-03
                                                                  9.873E-05
                                                                                     2.702E-04
                                                                                                        1.605E-04
                                                                                                                           9.254E-05
8.143E-05
7.310E-05
                                                                                                                                               1.281E-03
1.161E-03
1.082E-03
                                                                                                                                                                  2.914E-04
2.534E-04
2.241E-04
          189
                           3.349E-04
2.972E-04
                                              1.722E-03
1.509E-03
                                                                 8.684E-05
7.791E-05
                                                                                     2.366E-04
2.111E-04
                                                                                                        1.402E-04
1.246E-04
          190
          191
                           2.652E-04
                                                                                                                                                                  1.992E-04
1.371E-03
                                                                                                        1.114E-04
7.349E-04
                                                                                                                           6.592E-05
3.961E-04
                                                                                                                                               1.008E-03
4.068E-03
                                              1.312E-03
                                                                  7.022E-05
                                                                                     1.892E-04
                                                                 4.241E-04
3.831E-04
3.601E-04
3.516E-04
                                              5.943E-03
5.726E-03
                           1.767E-03
1.622E-03
                                                                                     1 213E-03
          193
                                                                                                                           3.575E-04
3.357E-04
                                                                                                                                               3.367E-03
2.888E-03
2.793E-03
                                                                                                                                                                  1.264E-03
1.211E-03
                                                                                     1.106E-03
                                                                                                        6.732E-04
          194
                           1.546E-03
1.512E-03
                                              5.493E-03
5.396E-03
          Ī95
                                                                                     1.045E-03
                                                                                                        6.392E-04
                                                                                     1.020E-03
                                                                                                        6.247E-04
                                                                                                                           3.278E-04
                                                                                                                                                                  1.184E-03
         196
197
                                              5.347E-03
5.243E-03
                                                                                                                                                                  1.169E-03
1.132E-03
                           1,496E-03
                                                                  3.506E-04
                                                                                     1.013E-03
                                                                                                        6.187E-04
                                                                                                                           3.270E-04
                                                                                                                                               2.934E-03
                           1.454E-03
                                                                 3.450E-04
                                                                                     9.899E-04
                                                                                                        6.025E-04
                                                                                                                           3 220E-04
                                                                                                                                               3.098E-03
          198
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 11/07/95 09:51:16 Page - 232
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                 Page - 232
                                                                                                                           3.215E-04
3.278E-04
3.022E-04
                                                                                                                                                                  1,105E-03
1,097E-03
1.013E-03
                           1,427E-03
                                                                 3.441E-04
                                                                                     9.784E-04
                                                                                                        5.924E-04
                                                                                                                                               3,388E-03
                                                                                                                                               3,794E-03
3,477E-03
3,275E-03
3,527E-03
                                                                 3.505E-04
3.232E-04
3.018E-04
                                                                                     9.869E-04
9.103E-04
8.489E-04
                                                                                                        5.938E-04
5.480E-04
5.108E-04
                           1,425E-03
                                              5.010E-03
          200
                                              4.853E-03
4.729E-03
         201
202
                           1.316E-03
1.226E-03
                                                                                                                           2.822E-04
                                                                                                                                                                  9.438E-04
                                                                                                        5.052E-04
8.385E-04
7.675E-04
7.423E-04
7.434E-04
                                              4.665E-03
6.451E-03
6.201E-03
                                                                 3.023E-04
4.840E-04
4.362E-04
                                                                                     8.442E-04
1.384E-03
1.260E-03
                                                                                                                           2.830E-04
4.520E-04
                                                                                                                                                                  9.252E-04
1.565E-03
          203
                           1.208E-03
                                                                                                                                               4.638E-03
                           2.017E-03
1.850E-03
         204
205
                                                                                                                                               3.788E-03
3.344E-03
                                                                                                                                                                  1,443E-03
1,406E-03
                                                                                                                           4.070E-04
                           1.795E-03
1.798E-03
                                              5.964E-03
5.913E-03
                                                                 4.178E-04
4.191E-04
                                                                                     1.213E-03
1.215E-03
          206
                                                                                                                           3.895E-04
                                                                                                                           3.907E-04
                                                                                                                                               3,386E-03
                                                                                                                                                                   1,407E-03
          207
                           1.728E-03
                                              5.827E-03
                                                                  4.073E-04
                                                                                     1.174E-03
                                                                                                        7.157E-04
                                                                                                                           3.800E-04
                                                                                                                                               3.524E-03
3.843E-03
                                                                                                                                                                  1,348E-03
          208
                                              5.697E-03
5.612E-03
                                                                 3.999E-04
4.192E-04
                                                                                     1.140E-03
1.177E-03
1.295E-03
                                                                                                        6.914E-04
7.079E-04
                                                                                                                           3.735E-04
                                                                                                                                                                  1.292E-03
                           1,665E-03
          209
                           1.699E-03
                                                                                                                           3.921E-04
                                                                                                                                               4.598E-03
                                                                                                                                                                  1.307E-03
          210
                           1.848E-03
                                              5.670E-03
                                                                  4.680E-04
                                                                                                        7.724E-04
                                                                                                                           4.383E-04
                                                                                                                                               5.730E-03
                                                                                                                                                                  1.410E-03
                                              5.272E-03
5.091E-03
5.040E-03
                                                                 3.690E-04
3.326E-04
3.410E-04
                                                                                                        6.178E-04
5.580E-04
                                                                                                                           3.453E-04
                                                                                                                                               4.249E-03
                                                                                                                                                                  1.134E-03
          212
                           1.479E-03
                                                                                     1.031E-03
                                                                                                                           3.112E-04
                                                                                                                                               3.800E-03
                                                                                                                                                                   1,024E
                                                                                     9.311E-04
                                                                                                                                                                             -03
          213
                           1.336E-03
1.345E-03
                                                                                     9.453E-04
                                                                                                        5.635E-04
                                                                                                                           3.194E-04
                                                                                                                                               4.191E-03
                                                                                                                                                                  1.026E-03
1.758E-03
          214
                                                                                                                                               4.904E-03
                                                                 5.374E-04
4.904E-04
4.903E-04
                                                                                                                           5.017E-04
                           2.260E-03
                                              6.972E-03
                                                                                     1.544E-03
                                                                                                        9.383E-04
                           2.084E-03
2.093E-03
2.179E-03
2.075E-03
                                                                                                                           4.574E-04
                                                                                                                                               4.198E-03
                                                                                                                                                                   1.627E-03
                                              6.700E-03
6.526E-03
6.568E-03
                                                                                     1.418E-03
1.420E-03
          216
                                                                                                        8.644E-04
                                                                                                                                               4.198E-03
4.091E-03
4.428E-03
4.715E-03
5.016E-03
7.275E-03
7.302E-03
                                                                                                                           4.573E-04
4.789E-04
                                                                                                        8.671E-04
                                                                                                                                                                   1.636E-03
          217
                                                                  5.133E-04
                                                                                     1.482E-03
                                                                                                        9.032E-04
                                                                                                                                                                   1.700E-03
          218
                                              6.456E-03
6.262E-03
                                                                 4.970E-04
4.791E-04
                                                                                     1.420E-03
1.353E-03
                                                                                                        8.612E-04
8.159E-04
                                                                                                                           4.641E-04
                                                                                                                                                                   1.611E-03
          219
                           1.961E-03
2.283E-03
                                                                                                                                                                   1.514E-03
                                                                                                                            4.478E-04
          220
                                              6.262E-03
6.452E-03
6.302E-03
5.715E-03
5.518E-03
5.579E-03
6.203E-03
                                                                  5.814E-04
5.658E-04
4.116E-04
                                                                                     1.602E-03
1.552E-03
1.145E-03
                                                                                                        9.542E-04
                                                                                                                            5.447E-04
                                                                                                                                                                   1.738E-03
          221
                                                                                                        9.224E-04
6.844E-04
                                                                                                                           5.303E-04
3.853E-04
                                                                                                                                                                  1.673E-03
1.251E-03
          222
                           2.204E-03
                                                                                                                                               4.900E-03
          223
                           1.637E-03
                           1.484E-03
1.625E-03
                                                                                                                           3.505E-04
3.935E-04
4.279E-04
                                                                                                                                               4.516E-03
5.537E-03
                                                                  3.743E-04
                                                                                      1.041E-03
                                                                                                        6.211E-04
                                                                                                                                                                   1,133E-03
          224
                                                                  4.197E-04
4.568E-04
                                                                                     1.150E-03
1.264E-03
                                                                                                        6.816E-04
7.534E-04
                                                                                                                                                                  1.231E-03
          225
                                                                                                                                                5.646E-03
                                                                                                                                                                   1,372E-03
                           1.800E-03
          226
                                              6,032E-03
                                                                  4.324E-04
                                                                                     1.192E-03
                                                                                                        7.088E-04
                                                                                                                            4.052E-04
                                                                                                                                               5.494E-03
                                                                                                                                                                   1.286E-03
          227
                           1.691E-03
                                              6.368E-03
6.674E-03
6.539E-03
                                                                                     1.527E-03
1.343E-03
                                                                                                        8.997E-04
7.990E-04
7.874E-04
                           2.141E-03
1.907E-03
                                                                  5.649E-04
                                                                                                                           5.301E-04
4.557E-04
                                                                                                                                               B.013E-03
                                                                                                                                                                  1 611E-03
          228
                                                                                                                                               6.120E-03
6.309E-03
                                                                  4.864E-04
                                                                                                                                                                   1.451E-03
          229
                           1.877E-03
                                                                                                                                                                  1.424E-03
1.752E-03
                                                                  4.835E-04
                                                                                     1.327E-03
                                                                                                                            4.532E-04
          230
                                                                                                                                               8.820E-03
7.911E-03
6.271E-03
6.942E-03
1.154E-02
7.419E-03
                                              6.846E-03
7.451E-03
6.895E-03
                                                                  6,166E-04
                                                                                                        9.801E-04
                                                                                                                           5.788E-04
                           2.331E-03
                                                                                     1.665E-03
                                                                  5.937E-04
4.895E-04
                                                                                                        9.614E-04
                                                                                                                            5.567E-04
                                                                                                                                                                   1,735E-03
                                                                                     1.623E-03
                           2.292E-03
1.910E-03
          232
          233
                                                                                      1.349E-03
                                                                                                        8.012E-04
                                                                                                                           4.587E-04
                                                                                                                                                                   1.452E-03
                                                                                     1.416E-03
2.189E-03
                                                                                                        8.381E-04
1.289E-03
                                                                                                                           4.856E-04
7.604E-04
                                                                                                                                                                  1.510E-03
                           1.996E-03
                                              6.849E-03
                                                                  5.179E-04
                                              8.624E-03
7.539E-03
7.470E-03
                                                                                                                                                                   2.306E-03
                                                                  8.101E-04
          235
                           3.067E-03
                           2.191E-03
                                                                  5.652E-04
                                                                                      1.551E-03
                                                                                                         9.195E-04
                                                                                                                            5.298E-04
                                                                                                                                                                   1.661E-03
          236
                                                                                     1.569E-03
1.877E-03
1.719E-03
                                                                                                                           5.392E-04
6.457E-04
                                                                                                                                               7.780E-03
9.339E-03
                           2,210E-03
                                                                  5.749E-04
                                                                                                        9.278E-04
                                                                                                                                                                  1.671E-03
1.999E-03
          237
                                                                                                        1.110E-03
                                                                  6.885E-04
6.304E-04
          238
                           2.644E-03
                                              8.439E-03
8.111E-03
                           2.422E-03
                                                                                                                                               8.538E-03
                                                                                                                                                                   1.831E-03
                                                                                                         1.017E-03
          239
                                                                                                                           7.785E-04
6.841E-04
                                                                                                                                               1.150E-02
1.006E-02
                                              9.461E-03
                                                                  8.298E-04
                                                                                     2.252E-03
                                                                                                         1.330E-03
                                                                                                                                                                   2.388E-03
          240
                                                                                                                                                                   2.103E-03
                                                                                     1.981E-03
2.576E-03
                           2.787E-03
                                              8.900E-03
                                                                  7.292E-04
                                                                                                         1.170E-03
          241
                                                                  9.514E-04
                                                                                                         1.520E-03
                                                                                                                            8.928E-04
                                                                                                                                                1.333E-02
                                                                                                                                                                   2.727E-03
                           3.620E-03
                                               1.042E-02
          242
                                                                  7.774E-04
                                                                                                                                               1.068E-02
                                                                                                                                                                   2 245E-03
                           2.975E-03
                                              9.525E-03
                                                                                     2.112E-03
                                                                                                         1.248E-03
                                                                                                                            7.293E-04
          243
                                                                                                                                                                   2.588E-03
                                                                                                                            8.344E-04
                                                                                                                                                1.201E-02
         244
                                              1.075E-02
9.659E-03
                                                                                     2.424E-03
                           3.423E-03
                                                                  8.898E-04
                                                                                                         1.435E-03
                                                                                                                                               8.546E-03
4.760E-04
5.212E-04
                           2,643E-03
                                                                  6.750E-04
                                                                                      1.859E-03
                                                                                                         1.106E-03
                                                                                                                            6.325E-04
                                                                                                                                                                   2.010E-03
          245
                                                                                                                           2.869E-05
3.200E-05
                                                                                                                                                                   8.347E-05
9.394E-05
          246
                           1.122E-04
                                               4.188E-04
                                                                  3.052E-05
                                                                                     8.118E-05
                                                                                                         4.735E-05
                           1.259E-04
1.399E-04
                                              4.629E-04
5.143E-04
                                                                 3.405E-05
3.777E-05
                                                                                     9.081E-05
                                                                                                         5.309E-05
```

1.137E-04

1.186E-03

3.919E-04

1.009E-04

248

5.900E-05

3.548E-05

5.746E-04

1.045E-04

	249 250	1.286E-04 1.245E-04	5.766E-04 6.524E-04	3.421E-05 3.226E-05	9.225E-05 8.815E-05	5.418E-05 5.222E-05	3.212E-05 3.025E-05	4.983E-04 4.301E-04	9.648E-05 9.428E-05	
DE	N QUEEN MIN File: g:\a	NING - SOLEDA ace\GQ91\GQTI	AD MTN PROJEC PACE.DAT	T ~ ALL RECE Output	PTORS, 1991 File: g:\ac	MET, TSP e\GQ91\GQTPA	* OUTPU CE.OUT	T OF AMI/SBC	CAPCD ACE2588 MODEL 11/07/95 09:51:16	VERS. 93288 * Page - 233
COLDE	251 252 253 254 255 256 257 258 261 262 263 264 265 2667 268 267 268 267 271 273 277 278 277 278 277 278 280 281 283 284 285 287 288 289 290 291 292 293 293 294 295 297 297 298 299 299 299 299 299 299 299 299 299	1.339E-04 1.371E-04 1.445E-04 1.445E-04 1.445E-04 1.45E-04 1.45E-04 1.070E-04 1.070E-04 1.09E-04 1.194E-04 1.455E-04 1.455E-04 1.455E-04 1.509E-04 1.419E-04 1.419E-04 1.419E-04 1.419E-04 1.419E-04 1.419E-04 1.419E-04 1.419E-04 1.559E-04 1.419E-04 1.559E-04 1.419E-04 1.559E-04 1.145E-04 1.1558E-04 1.145E-04 1.559E-04	7.286E-04 8.015E-04 8.468E-04 8.468E-04 9.217E-04 9.217E-04 9.217E-04 9.271E-04 9.271E-04 7.79E-04 6.355E-04 6.355E-04 6.355E-04 6.355E-04 6.486E-04 7.737E-04 7.710E-04 7.737E-04 7.710E-04 7.627E-04 6.61E-04 6.923E-04	3.416E-05 3.416E-05 3.416E-05 3.49E-05 3.353E-05 2.39E-05 2.39E-05 3.36E-05 3.69E-05 3.69E-05 3.69E-05 3.69E-05 3.69E-05 3.69E-05 3.69E-05 3.69E-05 3.69E-05 3.79E-05 3.38E-05	9.412E-05 9.520E-05 1.002E-05 1.002E-05 9.817E-05 9.817E-05 1.001E-04 9.917E-05 8.942E-05 8.942E-05 6.7849E-05 6.859E-05 7.287E-05 6.859E-05 7.438E-05 8.194E-05 1.016E-04 1.036E-04 1.04E-04 1.04E-04 1.04E-05 6.440E-05 6.440E-05 8.32E-05 8.071E-05 8.071E-05 1.016E-04 1.065E-04 1.065E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-04 1.103E-05 7.589E-05 7.588E-05 7.458E-05 7.458E-05 7.458E-05	5.603E-05 6.020E-05 6.020E-05 5.987E-05 6.060E-05 6.02E-05 5.823E-05 5.448E-05 4.946E-05 4.177E-05 4.177E-05 4.177E-05 4.177E-05 5.566E-05 6.301E-05 6.301E-05 5.944E-05 5.944E-05 5.944E-05 5.944E-05 5.944E-05 5.944E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 6.306E-05 5.946E-05 5.946E-05 6.438E-05 6.448E-05	3.201E-05 3.196E-05 3.196E-05 3.349E-05 3.225E-05 3.226E-05 3.269E-05 3.269E-05 3.269E-05 2.209E-05 2.266E-05 2.200E-05 2.364E-05 2.200E-05 3.108E-05 3.108E-05 3.108E-05 3.108E-05 3.108E-05 3.108E-05 3.445E-05 3.445E-05 3.445E-05 3.451E-05 3.465E-05 3.451E-05 3.465E-05 3.465E-05 3.465E-05 3.661E-05 3.379E-05 3.61E-05 3.379E-05 3.61E-05 3.657E-05 3.657E-05 3.667E-05	4.303E-04 3.905E-04 3.905E-04 3.905E-04 3.905E-04 3.526E-04 3.523E-04 3.523E-04 2.048E-04 2.138E-04 2.138E-04 2.139E-04 4.251E-04 4.666E-04 4.733E-04 4.934E-04 4.733E-04 4.934E-04 4.733E-04 4.934E-04 4.733E-04 4.934E-04 3.73E-04 4.934E-04 3.73E-04 4.934E-04 3.73E-04 3.73E-04 4.04E-04 3.73E-04 4.04E-04 4.104E-04 4.104E-04 4.104E-04 3.73E-04 3.84E-04 4.104E-04 4.104E-04 3.73E-04 3.384E-04 4.104E-04 3.73E-04 3.384E-04 4.104E-04 3.73E-04 3.384E-04 4.104E-04 3.384E-04 4.104E-04 3.384E-04 4.104E-04 3.384E-04	1.019E-04 1.052E-04 1.111E-04 1.102E-04 1.131E-04 1.094E-04 1.094E-04 1.094E-05 7.815E-05 7.815E-05 7.815E-05 7.815E-05 7.815E-05 1.032E-05 1.032E-05 1.032E-05 1.032E-04 1.113E-04 1.124E-04 1.124E-04 1.124E-05 8.04E-05 8.054E-05 8.054E-05 8.054E-05 8.054E-05 8.054E-05 8.054E-05 8.054E-05 8.054E-05 8.054E-04 1.16E-04 1.186E-04 1.258E-05 9.166E-05 9.166E-05 9.166E-05 9.166E-05 9.166E-04 1.080E-04 1.080E-04 1.080E-04 1.080E-04 1.080E-05 9.094E-05 7.160E-05	
GOLDE Input	N QUEEN MIN File: g:\a	NING - SOLEDA ace\GQ91\GQT	AD MIN PROJEC PACE.DAT	CT - ALL RECI Output	EPTORS, 1991 File: g:\ac	MET, TSP ce\GQ91\GQTPA	* OUTPO ACE.OUT	JT OF AMI/SBO	CAPCD ACE2588 MODEL 11/07/95 09:51:16	VERS, 93288 * Page - 234
	303 304 305 306 307 308 310 311 313 314 315 317 318 320 3212 3223 3225 3226 3228 3228 3228 3233 3233 3233 3331 3331	8.372E-05 8.947E-05 9.641E-05 9.641E-05 1.068E-04 1.300E-04 1.570E-04 1.570E-04 1.695E-04 1.81E-04 1.825E-04 1.825E-04 1.303E-04 1.303E-04 1.303E-04 1.303E-04 1.303E-04 1.303E-04 1.41E-04 1.574E-04 1.574E-04 1.303E-04 1.303E-04 1.574E-04 1.303E-04 1.574E-04 1.303E-04 1.303E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.574E-04 1.386E-04	5.137E-04 3.886E-04 4.471E-04 5.088E-04 5.727E-04 6.818E-04 9.087E-03 1.020E-03 1.065E-03 1.065E-03 1.140E-03 1.131E-03 1.131E-03 1.140E-03 1.131E-04 7.728E-04 7.728E-04 9.264E-04 9.264E-04 9.264E-04 9.264E-04 9.265E-04 4.758E-04 3.766E-04 4.525E-04 4.525E-04 5.970E-04 6.969E-04	2.125E-05 2.353E-05 2.542E-05 3.353E-05 3.069E-05 3.3772E-05 3.909E-05 4.179E-05 4.226E-05 4.350E-05 4.350E-05 3.705E-05 3.063E-05	5.863E-05 6.359E-05 6.861E-05 7.572E-05 8.357E-05 9.139E-05 9.139E-04 1.171E-04 1.240E-04 1.240E-04 1.242E-04 1.176E-04 1.066E-04 9.515E-05 8.834E-05 9.630E-05 1.051E-04 1.121E-04 1.148E-04 1.148E-04 1.15E-04 1.15E-04 1.15E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-04 1.16E-05 8.383E-05 7.355E-05 6.525E-05 6.	3.496E-05 3.751E-05 4.0475E-05 4.475E-05 4.951E-05 5.490E-05 5.890E-05 7.047E-05 7.511E-05 7.511E-05 7.514E-05 7.546E-05 5.890E-05 5.890E-05 6.800E-05 5.846E-05 6.754E-05	1.991E-05 2.208E-05 2.382E-05 2.878E-05 3.145E-05 3.345E-05 3.658E-05 3.949E-05 4.089E-05 4.089E-05 4.081E-05 3.836E-05 3.845E-05 3.836E-05 3.845E-05 3.145E-05 3.145E-05 3.146E-05	2.629E-04 3.304E-04 3.59E-04 4.316E-04 4.316E-04 4.354E-04 4.459E-04 4.239E-04 4.239E-04 4.239E-04 4.238E-04 4.238E-04 4.239E-04 3.720E-04 3.720E-04 3.720E-04 3.720E-04 3.720E-04 3.720E-04 3.720E-04 4.2572E-04 3.720E-04 4.2572E-04	6.381E-05 6.739E-05 7.256E-05 8.061E-05 8.951E-05 9.869E-05 1.078E-04 1.204E-04 1.304E-04 1.402E-04 1.417E-04 1.417E-04 1.228E-04 1.020E-04 1.016E-04 1.020E-04 1.163E-04 1.252E-04 1.252E-04 1.252E-04 1.252E-04 1.252E-04 1.252E-05 6.876E-05 6.478E-05 5.836E-05 6.478E-05 5.836E-05 6.826E-05 6.836E-05 6.319E-05 9.345E-05	

```
8.399E-04
9.722E-04
1.112E-03
                                                               3.897E-05
4.265E-05
4.632E-05
                                                                                                    6.390E-05
7.105E-05
7.804E-05
                                                                                  1.072E-04
                                                                                                                       3,651E-05
                                                                                                                                          4.874E-04
         338
                          1,530E-04
                                                                                  1.186E-04
1.297E-04
                                                                                                                       3.992E-05
         339
                          1.706E-04
1.877E-04
                                                                                                                                          4.953E-04
5.084E-04
                                                                                                                                                             1.307E-04
                                                                                                                        4.332E-05
         340
                                                                                                                                                             1.527E-04
1.593E-04
                                             1.135E-03
                                                                4 779E-05
                                                                                  1.353E-04
                                                                                                     8.186E-05
                                                                                                                        4.465E-05
                                                                                                                                          4.799E-04
          341
                          2,056E-04
2,091E-04
                                                                4 961E-05
                                                                                  1.407E=04
                                                                                                     8.524E-05
                                                                                                                        4 635E-05
                                                                                                                                          4 892E-04
                                             1 201E-03
                                                                                                     8,665E-05
                                             1.216E-03
                                                                5,018E-05
                                                                                  1.428E-04
                                                                                                                        4.687E-05
                                                                                                                                          4.806E-04
                                                                                                                                                             1.623E-04
         343
                          2.074E-04
1.939E-04
                                             1.282E-03
                                                               4.939E-05
4.590E-05
                                                                                  1.411E-04
1.316E-04
                                                                                                    8.583E-05
8.018E-05
                                                                                                                       4.611E-05
                                                                                                                                          4.539E-04
4.083E-04
                                                                                                                                                             1.613E-04
1.510E-04
                                             1.261E-03
                                                                                                                        4.284E-05
         345
                                                                                                                                          3.460E-04
3.114E-04
2.893E-04
                                             1.196E-03
1.088E-03
9.501E-04
                          1.736E-04
                                                                4.078E-05
                                                                                  1.175E-04
                                                                                                     7.172E-05
                                                                                                                        3.804E-05
                                                                                                                                                             1.355E-04
         346
                                                               3.698E-05
                                                                                                    6.511E-05
6.167E-05
                                                                                                                       3.449E-05
3.258E-05
                                                                                                                                                            1.231E-04
1.167E-04
         347
                          1.576E-04
                                                                                  1.066E-04
                                                               3.494E-05
3.724E-05
                                                                                  1.009E-04
                          1.493E-04
1.568E-04
         348
                                             8.820E-04
                                                                                  1.066E-04
                                                                                                     6.488E-05
                                                                                                                        3.476E-05
                                                                                                                                          3.371E-04
                                                                                                                                                             1.220E-04
         349
                                                                                  1.163E-04
1.242E-04
                                                                                                    7.046E-05
7.494E-05
                                                                                                                                                            1.317E-04
1.393E-04
                          1,700E-04
                                             8.876E-04
                                                               4.099E-05
                                                                                                                       3.829E-05
                                                                                                                                          4.029E-04
          350
                                                               4.406E-05
                                                                                                                        4.119E-05
                                                                                                                                          4.601E-04
                                             9.738E-04
1.025E-03
                          1.805E-04
         351
                          1.836E-04
1.751E-04
                                                                4.520E-05
                                                                                  1.268E-04
                                                                                                    7.633E-05
7.289E-05
                                                                                                                        4.228E-05
                                                                                                                                          4.915E-04
                                                                                                                                                             1.413E-04
         352
         353
                                             1.036E-03
                                                               4.336E-05
3.948E-05
                                                                                  1.213E-04
1.104E-04
                                                                                                                       4.056E-05
                                                                                                                                          4.833E-04
                                                                                                                                                            1.346E-04
1.225E-04
                                                                                                    6.635E-05
                                                                                                                       3.694E-05
                                                                                                                                          4.409E-04
                                             1.008E-03
         354
                          1.594E-04
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 235
                                                                                                                                                                                                        235
                                             9.486E-04
8.617E-04
7.699E-04
                                                               3.531E-05
3.131E-05
                                                                                  9.864E-05
8.737E-05
                                                                                                    5.922E-05
5.243E-05
4.586E-05
                                                                                                                                          3.981E-04
3.559E-04
                                                                                                                       3.303E-05
                                                                                                                                                            1 092E-04
                                                                                                                                                             9.658E-05
8.449E-05
                          1.259E-04
1.101E-04
                                                                                                                        2,929E-05
         356
357
                                                               2.737E-05
                                                                                  7.641E-05
                                                                                                                        2.561E-05
                                                                                                                                          3.105E-04
                                                                                                    4.037E-05
3.615E-05
3.239E-05
2.944E-05
3.911E-05
                                                                                                                                          2.735E-04
2.470E-04
2.215E-04
2.034E-04
3.556E-04
                                             6.775E-04
5.834E-04
5.084E-04
          358
                          9.694E-05
                                                               2.410E-05
2.161E-05
                                                                                  6.727E-05
6.027E-05
                                                                                                                       2.255E-05
2.023E-05
                                                                                                                                                            7.439E-05
6.657E-05
                          8.679E-05
7.776E-05
         359
                                                                                                                                                             5.964E-05
5.416E-05
6.995E-05
                                                               1.937E-05
1.763E-05
                                                                                  5.400E-05
4.910E-05
                                                                                                                        1.812E-05
          360
                                             4.595E-04
3.937E-04
4.425E-04
                                                                                                                        1.650E-05
         361
                          7.066E-05
                                                                2.469E-05
                                                                                                                       2,318E-05
                          9.312E-05
                                                                                  6.646E-05
         362
                                                                                                    4.384E-05
4.932E-05
5.389E-05
                                                                                                                       2.588E-05
2.904E-05
3.150E-05
                          1.045E-04
                                                               2.758E-05
3.095E-05
                                                                                  7.440E-05
8.362E-05
                                                                                                                                          3.916E-04
                                                                                                                                                             7.859E-05
          363
                                             5.293E-04
6.155E-04
                                                                                                                                                             8.853E-05
                          1.176E-04
1.287E-04
                                                                                                                                          4.354E-04
4.597E-04
         364
365
                                                                3.359E-05
                                                                                  9.114E-05
                                                                                                                                                             9.715E-05
                                             7.222E-04
8.754E-04
1.044E-03
                                                                                  1.033E-04
1.164E-04
1.302E-04
                                                                                                                                          5.050E-04
5.400E-04
5.590E-04
                                                                                                                       3.553E-05
3.974E-05
                                                               3.789E-05
                                                                                                     6.121E-05
                                                                                                                                                             1.107E-04
          366
                          1,463E-04
                                                                                                    6.924E-05
7.791E-05
                                                               4.241E-05
                                                                                                                                                             1.260E-04
                          1.658E-04
         367
                                                                4.700E-05
                                                                                                                        4.400E-05
                                                                                                                                                             1.429E-04
                          1.869E-04
         368
                                                                                  1.438E-04
1.541E-04
1.611E-04
                                                                                                    8.651E-05
9.319E-05
9.760E-05
                                                                                                                                          5.659E-04
5.510E-04
5.560E-04
                          2.081E-04
                                             1,224E-03
                                                                5,138E-05
                                                                                                                        4.806E-05
                                                                                                                                                             1.600E-04
                                                               5.447E-05
5.675E-05
5.768E-05
5.640E-05
                                             1.276E-03
1.361E-03
                                                                                                                        5.090E-05
                                                                                                                                                             1.737E-04
                          2.246E-04
2.355E-04
          370
                                                                                                                        5.301E-05
                                                                                                                                                             1.824E-04
         371
                          2.412E-04
2.374E-04
2.185E-04
                                             1.375E-03
1.456E-03
1.416E-03
                                                                                                                                          5.418E-04
5.119E-04
4.497E-04
                                                                                  1.644E-04
1.614E-04
                                                                                                    9.989E-05
9.820E-05
                                                                                                                       5,385E-05
5,264E-05
                                                                                                                                                             1.874E-04
                                                                                                                                                             1.847E-04
         373
                                                                5.156E-05
                                                                                  1.481E-04
                                                                                                     9,032E-05
                                                                                                                        4.811E-05
                                                                                                                                                             1.704E-04
          374
                                                                                                                                                            1.530E-04
1.406E-04
                          1.958E-04
                                             1.330E-03
                                                               4.587E-05
                                                                                  1.323E-04
                                                                                                     8.088E-05
                                                                                                                        4.278E-05
                                                                                                                                          3.825E-04
                                                                                                    7.425E-05
7.399E-05
7.931E-05
8.433E-05
8.601E-05
                                                                                                                                          3.457E-04
3.562E-04
                                             1.188E-03
1.040E-03
                          1.798E-04
1.790E-04
                                                               4.203E-05
                                                                                  1.214E-04
                                                                                                                       3.919E-05
         376
377
                                                                4,205E-05
                                                                                  1.212E-04
                                                                                                                        3.923E-05
                                                                                                                                                             1.398E-04
                                                                                                                                          4.279E-04
4.993E-04
5.395E-04
5,352E-04
                                                               4.576E-05
4.931E-05
5.073E-05
                                                                                                                                                            1.488E-04
1.572E-04
                          1.915E-04
                                             1.011E-03
                                                                                  1.305E-04
                                                                                                                        4.273E-05
                                                                                  1.394E-04
                          2.033E-04
2.070E-04
                                             1.061E-03
1.145E-03
                                                                                                                        4.608E-05
         379
                                                                                                                       4.743E-05
4.571E-05
4.131E-05
                                                                                  1.427E-04
                                                                                                                                                             1.596E-04
          380
                                                                                                    8,243E-05
7,446E-05
6,544E-05
5,672E-05
4,886E-05
                                             1.170E-03
1.141E-03
1.071E-03
                                                               4.007E-05
                                                                                  1,370E-04
1,238E-04
                                                                                                                                                            1,524E-04
1.376E-04
          381
                          1.982E-04
                                                                                                                                          4.851E-04
         382
                          1.789E-04
1.572E-04
                                                                                                                                          4.283E-04
3.716E-04
3.185E-04
                                                               3.884E-05
                                                                                  1.088E-04
                                                                                                                        3.633E-05
                                                                                                                                                             1,209E-04
          383
                                             9.681E-04
8.519E-04
7.389E-04
                          1.363E-04
1.174E-04
                                                               3.367E-05
2.898E-05
                                                                                  9.432E-05
8.123E-05
                                                                                                                       3.149E-05
2.711E-05
                                                                                                                                                             1 048E-04
          384
                                                                                                                                                             9,031E-05
         385
                          1.028E-04
                                                                2.540E-05
                                                                                  7.114E-05
                                                                                                    4.278E-05
3.772E-05
                                                                                                                       2.375E-05
2.098E-05
                                                                                                                                          2.802E-04
                                                                                                                                                             7,905E-05
         386
                                             6.295E-04
5.479E-04
                                                                                                                                          2.491E-04
2.228E-04
          387
                          9.063E-05
8.049E-05
7.254E-05
                                                               2.242E-05
                                                                                  6.275E-05
                                                                                                                                                             6.966E-05
                                                                1.994E-05
                                                                                   5.575E-05
                                                                                                     3.350E-05
                                                                                                                        1.865E-05
                                                                                                                                                             6,183E-05
         388
                                             4.951E-04
                                                                1.801E-05
                                                                                  5.029E-05
                                                                                                     3.020E-05
                                                                                                                        1.685E-05
                                                                                                                                          2.035E-04
                                                                                                                                                             5.568E-05
          389
                                             4.584E-04
4.187E-04
4.552E-04
                                                               1.625E-05
2.582E-05
2.841E-05
                                                                                                    2.719E-05
4.075E-05
                                                                                                                                                             5.011E-05
7.267E-05
                                                                                  4.531E-05
6.936E-05
                                                                                                                        1.521E-05
                                                                                                                                          1.850E-04
3.776E-04
         390
                          6.532E-05
                                                                                                                        2.424E-05
                          9.691E-05
         391
                          1.073E-04
                                                                                  7.654E-05
                                                                                                     4.506E-05
                                                                                                                        2.667E-05
                                                                                                                                          4.073E-04
                                                                                                                                                             8.064E-05
          392
                          1.215E-04
                                             5.279E-04
                                                               3.198E-05
                                                                                  8.640E-05
                                                                                                     5.095E-05
                                                                                                                        3.001E-05
                                                                                                                                          4.507E-04
                                                                                                                                                             9,144E-05
                                             6.287E-04
7.519E-04
9.094E-04
1.117E-03
1.346E-03
                                                                                                    5.775E-05
6.497E-05
                                                                                                                                          5.059E-04
5.412E-04
5.956E-04
6.296E-04
                                                                                  9.786E-05
1.097E-04
                                                                                                                                                             1.037E-04
         394
                                                               3.617E-05
4.030E-05
                                                                                                                       3.394E-05
3.779E-05
                          1.377E-04
                          1,552E-04
                                                                                                                                                             1,174E-04
         395
                          1.780E-04
                                                                4.580E-05
                                                                                  1.253E-04
                                                                                                     7.441E-05
                                                                                                                        4.293E-05
                                                                                                                                                             1,351E-04
          396
                                                                                  1.425E-04
1.616E-04
                                                                                                     8.506E-05
                                                                                                                        4.833E-05
                                                                                                                                                             1,556E-04
         397
                          2.039E-04
                                                                5.160E-05
                                                                                                                        5.413E-D5
5.870E-05
                                                                                                     9.713E-05
                                                                5.786E-05
                                                                                                                                          6.468E-04
                                                                                                                                                             1.794E-04
                          2.335E-04
         398
                                                                                  1.774E-04
1.873E-04
1.930E-04
                          2.583E-04
2.740E-04
                                             1.451E-03
                                                                6.281E-05
                                                                                                     1.072E-04
                                                                                                                                          6.443E-04
                                                                                                                                                             1.996E-04
          399
                                                                                                    1.136E-04
1.174E-04
                                                                                                                                                             2.124E-04
2.204E-04
                                             1.556E-03
1.582E-03
                                                                                                                                          6.412E-04
6.246E-04
                                                               6.595E-05
6.759E-05
                                                                                                                       6.160E-05
6.310E-05
          ዕበል
                          2.835E-04
         401
                                             1.671E-03
1.604E-03
1.495E-03
                                                                6.551E-05
5.894E-05
                                                                                                    1.143E-04
1.035E-04
                                                                                                                                                             2.152E-04
1.955E-04
                                                                                  1.877E-04
                                                                                                                        6.114E-05
                                                                                                                                           5.871E-04
          402
                          2.763E~04
                          2.505E-04
2.279E-04
                                                                                  1.696E-04
1.540E-04
          403
                                                                                                                        5.498E-05
                                                                                                                                          5.051E-04
                                                                5.330E-05
                                                                                                     9.414E-05
                                                                                                                        4.971E-05
                                                                                                                                           4,394E-04
                                                                                                                                                             1.782E-04
         404
                          2.137E-04
                                             1.295E-03
                                                                4.976E-05
                                                                                  1.441E-04
                                                                                                     8,820E-05
                                                                                                                        4.639E-05
                                                                                                                                          3.992E-04
                                                                                                                                                             1.673E-04
                          2 209E-04
                                             1 182E-03
                                                                5.226E-05
                                                                                  1.499E-04
                                                                                                     9.1358-05
                                                                                                                        4.876E-05
                                                                                                                                          4,621E-04
                                                                                                                                                             1 721E-04
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 * 
11/07/95 09:51:16 Page - 236
                                             1.191E-03
1.283E-03
1.334E-03
                                                               5.630E-05
5.826E-05
5.587E-05
                                                                                  1.599E-D4
                                                                                                     9.689E-05
                                                                                                                        5.259E-05
                                                                                                                                          5.496E-04
                                                                                                                                                            1.812E-04
                                                                                                                                                            1.844E-04
1.752E-04
                          2.388E-04
2.275E-04
                                                                                  1.643E-04
1.570E-04
                                                                                                    9.918E-05
9.458E-05
                                                                                                                       5.446E-05
5.225E-05
                                                                                                                                          6.063E-04
6.005E-04
         408
         409
         410
                          2.035E-04
                                             1,308E-03
                                                                4.998E-05
                                                                                  1.405E-04
                                                                                                     8.461E-05
                                                                                                                        4.674E-05
                                                                                                                                           5.374E-04
                                                                                                                                                             1.567E-04
                                                                                                     7.350E-05
                                                                                                                                          4.695E-04
3.985E-04
3.390E-04
                          1.767E-04
                                             1.223E-03
                                                               4.346E-05
3.697E-05
                                                                                  1.221E-04
1.039E-04
                                                                                                                       4.064E-05
3.457E-05
                                                                                                                                                             1.361E-04
1.159E-04
                                                                                                     6.256E-05
5.337E-05
                          1.504E-04
1.283E-04
                                             1.100E-03
         412
                                             9.522E-04
8.126E-04
                                                                3.152E-05
                                                                                  8.859E-05
                                                                                                                        2.948E-05
                                                                                                                                                             9.885E-05
         413
                          1.105E-04
9.587E-05
                                                                                                                                          2.939E-04
2.580E-04
2.307E-04
2.077E-04
                                                                                                                       2.541E-05
2.210E-05
                                                                                                                                                            8.507E-05
7.377E-05
                                                               2.717E-05
                                                                                  7.630E-05
                                                                                                     4.595E-05
                                             6.850E-04
5.963E-04
5.407E-04
                                                               2.363E-05
2.090E-05
                                                                                  6.626E-05
5.853E-05
5.215E-05
                                                                                                     3.987E-05
                          8.461E-05
7.533E-05
                                                                                                                        1.955E-05
1.745E-05
                                                                                                     3.520E-05
                                                                                                                                                             6.506E-05
         416
                                                                                                                                                             5.788E-05
                                                                1.865E-05
                                                                                                     3.134E-05
                          6,640E-05
5,806E-05
                                             5.041E-04
4.745E-04
                                                                                                     2.763E-05
2.415E-05
                                                                                                                        1.537E-05
                                                                                                                                          1.827E-04
                                                                                                                                                             5.103E-05
         418
                                                                1.643E-05
                                                                                  4.596E-05
                                                                                                                                                             4.464E-05
7.529E-05
8.437E-05
                                                                1,434E-05
                                                                                  4.015E-05
7.215E-05
                                                                                                                        1.341E-05
2.531E-05
                                                                                                                                           1.582E-04
         419
                          1.006E-04
                                             4.189E-04
                                                                2.695E-05
                                                                                                     4.232E-05
                                                                                                                                           4.009E-04
                                                                                                                                           4.404E-04
                                             4.823E-04
          421
                          1.126E-04
                                                                3.002E-05
                                                                                  8.062E-05
                                                                                                     4.734E-05
                                                                                                                        2.819E-05
                                             5.413E-04
6.413E-04
7.705E-04
                                                                3.366E-05
3.790E-05
                                                                                  9.070E-05
                                                                                                     5.340E-05
                                                                                                                        3.159E-05
                                                                                                                                           4.824E-04
                                                                                                                                                             9.555E-05
                          1.271E-04
         422
                                                                                                    6.048E-05
6.877E-05
7.989E-05
                          1.442E-04
                                                                                  1.025E-04
                                                                                                                        3.556E-05
                                                                                                                                           5.305E-04
                                                                                                                                                             1.086E-04
                                                                                                                                                             1.239E-04
                          1.641E-04
1.910E-04
                                                                                                                        4.021E-05
                                                                                                                                           5.878E-04
```

9.287E-05

4.619E-05

5.307E-05

6.468E-04 7.084E-04

1.448E-04

1.694E-04

1.163E-04

1.346E-04

1.558E-04

4.286E-05

4.927E-05

5.665E-05

9.547E-04

1.186E-03

2,225E-04

424

425

```
1.823E-04
2.065E-04
2.232E-04
2.319E-04
                                                               6.546E-05
7.332E-05
7.849E-05
                                                                                                    1.094E-04
                                                                                                                       6.125E-05
                                            1.471E-03
1.667E-03
         427
                          2.628E-04
3.001E-04
                                                                                                    1.246E-04
1.354E-04
                                                                                                                       6.853E-05
7.330E-05
                                                                                                                                          7.677E-04
7.550E-04
                                                                                                                                                             2.316E-04
2.535E-04
         428
                          3.268E-04
                                             1.807E-03
         429
                                                                                                     1.411E-04
                                                               8.106E-05
                                                                                                                       7.567E-05
                                                                                                                                          7.368E-04
                                                                                                                                                             2.654E-04
         430
                          3.411E-04
                                             1.860E-03
                                                                                                                                          6.822E-04
5.817E-04
                                                                                                                                                             2.544E-04
2.319E-04
                                             1.941E-03
                                                                7.722E-05
                                                                                  2,215E-04
                                                                                                     1.350E-04
                                                                                                                       7.205E-05
                          3.265E-04
         431
                                                                                                                       6.486E-05
5.920E-05
                                                                                  2.006E-04
                                                                                                     1.226E-04
                          2.967E-04
                                             1.837E-03
                                                               6.954E-05
         432
                                                                                                                                                             2.133E-04
2.076E-04
                                                               6.349E-05
                                                                                  1.838E-04
                                                                                                     1.125E-04
                                                                                                                                          5.113E-04
                                             1.685E-03
1.451E-03
         433
                          2.725E-04
                          2.655E-04
                                                               6.215E-05
                                                                                  1.794E-04
                                                                                                     1.097E-04
                                                                                                                       5.796E-05
                                                                                                                                          5.151E-04
         434
                                                                                                                       6.162E-05
                                                                                                                                          6.120E-04
                                                                                                                                                             2.151E-04
                                                                                  1.884E-04
                                                               6.600E-05
6.775E-05
                                                                                                     1.145E-04
                          2.767E-04
                                             1.399E-03
         435
                                             1.447E-03
1.538E-03
                                                                                  1.917E-04
                                                                                                     1.160E-04
                                                                                                                       6.330E-05
                                                                                                                                          6.820E-04
                                                                                                                                                             2.163E-04
2.058E-04
         436
                          2.796E-04
2.670E-04
                                                                                                    1.109E-04
9.831E-05
                                                                                                                       6.111E-05
5.413E-05
                                                                                                                                         6.921E-04
6.122E-04
                                                                6.536E-05
                                                                                  1.840E-04
         437
                                                                                                                                                             1.824E-04
                                                               5.789E-05
                                                                                  1.630E-04
                          2.365E-04
                                             1.525E-03
                                            1.419E-03
1.266E-03
                                                                                                     8.421E-05
6.998E-05
5.878E-05
                                                                                  1.397E-04
                                                                                                                       4.641E-05
                                                                                                                                          5.280E-04
                                                                                                                                                             1.562E-04
                          2.026E-04
1.684E-04
                                                               4.964E-05
         439
                                                                                                                                                             1.299E-04
                                                                                                                                          4.320E-04
3.633E-04
                                                                                  1.160E-04
9.744E-05
                                                                                                                       3.847E-05
                                                               4.116E-05
         440
                                                                                                                       3.847E-05
3.232E-05
2.730E-05
2.342E-05
2.060E-05
                                            1.074E-03
9.004E-04
7.515E-04
6.570E-04
5.992E-04
5.564E-04
                                                                                                                                                             1.091E-04
                          1.415E-04
                                                               3.458E-05
2.920E-05
                                                                                  8.216E-05
                                                                                                     4.953E-05
                                                                                                                                          3.105E-04
                                                                                                                                                             9.186E-05
                          1.192E-04
         442
                                                                                                                                          2.694E-04
2.400E-04
                                                                                                                                                             7,852E-05
                                                               2.504E-05
2.203E-05
                                                                                  7.035E-05
6.177E-05
                                                                                                    4.238E-05
3.718E-05
         443
                                                                                                                                                             6.882E-05
                          8.942E-05
7.788E-05
6.719E-05
                                                                                                    3.238E-05
2.793E-05
2.416E-05
                                                                                                                                          2.093E-04
1.779E-04
1.530E-04
                                                               1.919E-05
                                                                                  5.380E-05
                                                                                                                       1.795E-05
1.544E-05
                                                                                                                                                            5.993E-05
5.175E-05
         445
                                                               1.651E-05
                                                                                  4.636E-05
         446
                                                                                                                                                             4.479E-05
                                                               1.427E-05
1.251E-05
2.720E-05
3.110E-05
                                                                                  4.010E-05
                                                                                                                       1.334E-05
                                             5.066E-04
4.400E-04
4.079E-04
                          5.813E-05
                                                                                                                                                            3.929E-05
7.527E-05
8.661E-05
                                                                                  3.516E-05
                                                                                                     2.119E-05
                                                                                                                       1.170E-05
                                                                                                                                          1.338E-04
                          5.099E-05
         448
                                                                                                                                          4.135E-04
4.659E-04
                                                                                                                       2.556E-05
2.921E-05
                                                                                                     4.246E-05
                                                                                  7.256E-05
         449
                                                                                  8.316E-05
                                                                                                     4.874E-05
                                             4.848E-04
                          1.158E-04
                                                               3.507E-05
                                                                                  9.417E-05
                                                                                                     5.529E-05
                                                                                                                       3.293E-05
                                                                                                                                          5.155E-04
                                                                                                                                                             9.849E-05
                                             5.643E-04
         451
                          1.314E-04
                                             6.600E-04
7.951E-04
9.856E-04
                                                                                                                       3.743E-05
                                                                                                                                          5.673E-04
6.456E-04
7.044E-04
                                                                                                                                                             1.136E-04
                          1.510E-04
                                                               3.988E-05
                                                                                  1.076E-04
                                                                                                     6.340E-05
7.394E-05
         452
                                                                                  1.253E-04
                                                                                                                        4.343E-05
                                                                                                                                                             1.329E-04
                                                               4.628E-05
5.274E-05
                          1.763E-04
                                                                                  1.437E-04
                                                                                                     8.516E-05
                                                                                                                        4.946E-05
                                                                                                                                                             1.540E-04
                          2.035E-04
         454
                                                                                                                                          7.897E-04
8.711E-04
                                             1.263E-03
1.594E-03
1.916E-03
                                                                                                                                                             1.847E-04
                          2.429E-04
2.973E-04
3.553E-04
3.979E-04
                                                                                                    1.014E-04
1.238E-04
1.476E-04
                                                                                                                       5.820E-05
                                                               6.211E-05
                                                                                  1.704E-04
2.067E-04
         455
                                                                                                                       6.969E-05
                                                                                                                                                             2.276E-04
                                                               7.446E-05
8.716E-05
                                                                                                                                        9.312E-04
8.990E-04
                                                                                                                       8.149E-05
8.892E-05
                                                                                  2.449E-04
                                                                                                                                                             2 738E-04
         457
                                                                                                                                                             3.090E-04
                                             2.122E-03
                                                                9.523E-05
                                                                                  2.714E-04
                                                                                                    1.648E-04
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
GOLDEN OUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET,
                                                                                                          TSP
                                                                       Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                          11/07/95 09:51:16
                                                                                                                                                                                           Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                              1.002E-04
9.382E-05
8.561E-05
7.885E-05
                                                                                                     1.750E-04
                                                                                                                                          8.920E-04
8.090E-04
6.878E-04
                                                                                  2.873E-04
                                                                                                                       9.352E-05
                                                                                                                       8.753E-05
7.982E-05
7.350E-05
                                                                                                    1.646E-04
1.517E-04
                                                                                                                                                             3.108E-04
2.878E-04
                                             2.288E-03
2.147E-03
                                                                                  2.698E-04
2.479E-04
         460
                          3.983E-04
                          3.676E-04
         461
                                                                                                                                          6.163E-04
6.907E-04
7.831E-04
8.036E-04
7.142E-04
                                                                                                                                                             2.665E-04
                                                                                                     1.403E-04
1.399E-04
1.399E-04
                          3.400E-04
                                             1.910E-03
                                                                                  2.289E-04
         462
                                            1.702E-03
1.702E-03
1.691E-03
1.784E-03
1.804E-03
                                                              7.977E-05
8.115E-05
7.791E-05
6.849E-05
5.774E-05
                                                                                                                        7.442E-05
                                                                                                                                                             2.640E-04
                                                                                  2.293E-04
2.307E-04
                          3.384E-04
         463
                                                                                                                                                             2.619E-04
2.471E-04
2.166E-04
                                                                                                                        7.579E-05
         464
                          3.377E-04
         465
                          3.199E-04
                                                                                  2.199E-04
                                                                                                     1.328E-04
1.166E-04
                                                                                                                       7 281E-05
                                                                                                                        6.402E-05
                          2.806E-04
                                                                                  1.932E-04
                                                                                                     9.828E-05
8.019E-05
                                                                                                                                          6.027E-04
4.832E-04
4.000E-04
                                                                                  1.628E-04
                                                                                                                        5.397E-05
                                                                                                                                                             1.826E-04
                                             1.679E-03
                          2.365E-04
1.931E-04
         467
                                             1.480E-03
1.229E-03
1.008E-03
                                                                                                                                                             1.492E-04
                                                                4.698E-05
                                                                                  1.327E-04
                                                                                                                        4.391E-05
         468
                          1.581E-04
1.581E-04
1.299E-04
1.102E-04
9.418E-05
                                                                                                                                                            1.221E-04
                                                                                                     6.569E-05
                                                                                                                       3.603E-05
                                                                                  1.088E-04
8.946E-05
                                                               3.855E-05
3.174E-05
                                                                                                     5.398E-05
                                                                                                                        2.967E-05
                                                                                                                                          3,329E-04
                                                                                                                                                             1.002E-04
         470
                                                                                  7.595E 05
6.493E-05
5.512E-05
4.704E-05
                                                                                                     4,579E-05
3,914E-05
3,326E-05
                                                                                                                                          2.871E-04
2.467E-04
2.058E-04
1.739E-04
                                                                                                                                                             8.494E-05
                                                                                                                       2.524E-05
2.160E-05
                                             8-356E-04
                                                               2.700E-05
         471
                                                                                                                                                             7.258E-05
                                             7.352E-04
6.692E-04
                                                               2.310E-05
1.957E-05
                                                                                                                                                             6.176E-05
5.277E-05
                                                                                                                        1.830E-05
                          8.006E-05
6.837E-05
         473
                                                                                                                        1.560E-05
                                             6.050E-04
                                                                1.668E-05
                                                                                                     2.839E-05
                                                                                  4.073E-05
3.620E-05
                                                                                                     2.460E-05
2.187E-05
                                                                                                                        1.349E-05
                                                                                                                                          1.495E-04
                                                                                                                                                             4.574E-05
                                             5.233E-04
4.370E-04
                          5.924E-05
5.267E-05
                                                               1.444E-05
1.282E-05
                                                                                                                                          1.321E-04
1.201E-04
                                                                                                                                                             4.069E-05
3.711E-05
                                                                                                                        1.198E-05
         476
                                                                                                                        1.092E-05
                          4.803E-05
                                                               1.169E-05
2.816E-05
                                                                                  3.300E-05
7.497E-05
                                             3.685E-04
                                                                                                     1.994E-05
                                                                                                                                          4.353E-04
                                                                                                     4.378E-05
                                                                                                                        2.647E-05
                                                                                                                                                             7.733E-05
                                             4.257E-04
4.826E-04
         47R
                          1.038E-04
                                                                                                                                                            8.814E-05
                          1.181E-04
1.351E-04
                                                               3.188E-05
                                                                                  8.505E-05
                                                                                                     4.976E-05
                                                                                                                       2.995E-05
                                                                                                                                          4.854E-04
5.427E-04
         479
                                                                                                                                                             1.011E-04
                                             5.734E-04
6.755E-04
8.246E-04
                                                                                                     5.686E-05
6.594E-05
7.723E-05
                                                                                                                        3.407E-05
                                                               3.627E-05
                                                                                  9.701E-05
          480
                                                                                  1.123E-04
1.310E-04
                                                                                                                                          6.163E-04
                                                                                                                        3.929E-05
                                                                                                                                                             1.174E-04
                                                                4.184E-05
4.850E-05
                          1.567E-04
         481
                                                                                                                                          6.852E-04
7.829E-04
                          1.840E-04
2.193E-04
                                                                                                                        4.551E-05
                                                                                                                                                            1.385E-04
         482
                                                                                                                                                             1.656E-04
                                             1.011E-03
                                                                5.724E-05
                                                                                  1.554E-04
                                                                                                     9.189E-05
                                                                                                                        5.369E-05
         483
                                                                                                                                                             2.030E-04
                                                                                                     1.117E-04
1.389E-04
                                                                                                                        6.427E-05
                                                                                                                                          8.827E-04
                                             1.335E-03
1.742E-03
2.215E-03
                                                                                  1.879E-04
2.324E-04
2.993E-04
                          2.673E-04
                                                               6.858E-05
8.403E-05
                                                                                                                        7.869E-05
                                                                                                                                          1.012E-03
                                                                                                                                                             2.546E-04
3.334E-04
         485
                          3.332E-04
4.333E-04
                                                                                                                                          1.166E-03
9.946E-04
                                                               1.068E-04
                                                                                                      1.801E-04
                                                                                                                        9.988E-05
         486
                                            2.762E-03
2.557E-03
2.234E-03
2.091E-03
                                                                                  3.488E-04
3.197E-04
2.983E-04
2.943E-04
2.705E-04
                                                                                                                        1.126E-04
                                                                                                                                                             4.039E-04
                          5.165E-04
4.752E-04
4.421E-04
                                                                                                     2.133E-04
1.960E-04
          487
                                                               1.208E-04
                                                                                                                        1.026E-04
                                                                                                                                          8.545E-04
                                                                                                                                                             3.726E-04
3.460E-04
                                                               1.101E-04
          488
                                                                                                                                          8.344E-04
9.410E-04
9.531E-04
                                                                                                     1.825E-04
1.790E-04
1.637E-04
                                                               1.031E-04
                                                                                                                        9.612E-05
9.608E-05
         489
                                                                                                                                                             3.365E-04
                                                               1.029E-04
9.548E-05
8.247E-05
                          4.326E-04
                                                                                                                       8.921E-05
7.707E-05
                                                                                                                                                             3.055E-04
2.623E-04
2.185E-04
                                             2.106E-03
2.173E-03
2.031E-03
         491
                          3.947E-04
3.393E-04
                                                                                                                                          8.430E-04
7.010E-04
                                                                                  2.332E-04
                                                                                                      1.409E-04
          492
                                                                                                     1.174E-04
9.327E-05
                                                                                                                        6.419E-05
                                                                                  1.942E-04
1.542E-04
                                                               6.868E-05
5.446E-05
                          2.827E-04
                                            1.762E-03
1.426E-03
1.145E-03
9.473E-04
8.343E-04
                                                                                                                        5.089E-05
                                                                                                                                           5.492E-04
                                                                                                                                                             1.738E-04
         494
                          2.247E-04
1.772E-04
                                                                4.303E-05
                                                                                  1.217E-04
                                                                                                      7.355E-05
                                                                                                                        4.021E-05
                                                                                                                                           4.386E-04
                                                                                                                                                             1.369E-04
         495
                                                                                                                                                             1.115E-04
9.242E-05
                                                                                                                       3.285E-05
2.732E-05
                                                               3.515E-05
2.923E-05
2.423E-05
                                                                                                                                          3.628E-04
                                                                                  9.923E-05
8.239E-05
                                                                                                     5.994E-05
4.973E-05
          496
                                                                                                                                           3.049E-04
                          1.197E-04
9.963E-05
                                                                                                                                          2.484E-04
2.028E-04
1.715E-04
                                                                                  6.844E-05
                                                                                                     4.136E-05
                                                                                                                        2.264E-05
                                                                                                                                                             7.699E-05
         498
                                                                                                                                                             6.427E-05
5.492E-05
                                                                                                     3.447E-05
2.944E-05
2.595E-05
                          8.308E-05
                                             7.414E-04
                                                                2.013E-05
                                                                                  5.699E-05
                                                                                                                       1.881E-05
1.604E-05
          499
                                             6.367E-04
5.252E-04
                                                                1.717E-05
1.513E-05
                                                                                  4.864E-05
4.288E-05
                          7.096E-05
          500
                                                                                                                        1.414E-05
                                                                                                                                           1.510E-04
                                                                                                                                                             4.842E-05
                          6.256E-05
          501
                                                                                                                       1.278E-05
1.175E-05
                                                                                                     2.348E-05
2.161E-05
                                                                                                                                          1.359E-04
                                                                                                                                                             4.382E-05
                                             4.356E-04
                                                                1.368E-05
                                                                                  3.878E-05
          502
                                                                                                                                           1.241E-04
                                                                                                                                                             4.035E-05
                                             3.767E-04
3.385E-04
                                                                1.257E-05
1.172E-05
                                                                                  3.567E-05
          503
                          5.210E-05
                                                                                  3.325E-05
7.330E-05
                                                                                                                                                             3.761E-05
7.586E-05
                                                                                                     2.014E-05
                                                                                                                        1.095E-05
                                                                                                                                           1.157E-04
                          4.856E-05
          504
                                                                                                                                          4.209E-04
                                                                                                     4.286E-05
5.005E-05
                                                                                                                        2.584E-05
          505
                          1.017E-04
                                             4.062E-04
                                                                2.750E-05
                                                                3.216E-05
3.742E-05
4.297E-05
                                                                                                                        3.023E-05
                                                                                                                                                             8.845E-05
                                                                                  8.568E-05
                          1.187E-04
                                             4.938E-04
          506
                                                                                                                                           5.699E-04
                                             5.793E-04
6.967E-04
                                                                                                                        3.516E-05
                                                                                  9.990E-05
                                                                                                      5.843E-05
                                                                                                                                                             1.035E-04
         507
                          1.386E-04
                                                                                                                                          6.359E-04
7.464E-04
                                                                                                                                                             1.203E-04
                          1.607E-04
                                                                                  1.152E-04
1.376E-04
                                                                                                     6.758E-05
8.086E-05
                                                                                                                        4.035E-05
          508
                                                                                                                        4.805E-05
5.653E-05
                                             8.375E-04
1.062E-03
                          1.923E-04
                                                                5.118E-05
6.026E-05
                                                                                  1.632E-04
                                                                                                      9.639E-05
                                                                                                                                          8.364E-04
                                                                                                                                                             1.733E-04
                          2,299E-04
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 238
                                                                                  2.040E 04
2.575E-04
7.073E-04
4.305E-04
                                                              7.471E 05
9.309E-05
2.633E-04
1.480E-04
1.420E-04
                                            1.372E-03
1.913E-03
3.050E-03
3.084E-03
2.755E-03
                                                                                                     1.210E-04
                                                                                                                                           9.853E-04
                          2.892E-04
                                                                                                                                                             2.822E-04
7.395E-04
5.025E-04
                                                                                                                       8.716E-05
2.472E-04
1.379E-04
                          3.694E-04
9.867E-04
                                                                                                     1.540E-04
4.152E-04
2.641E-04
                                                                                                                                           1.118E-03
         512
513
                                                                                                                                          3.869E-03
1.129E-03
                          6.404E-04
6.017E-04
                                                                                  4.079E-04
                                                                                                      2.487E-04
                                                                                                                        1.325E-04
                                                                                                                                           1.239E-03
                                                                                                                                                             4.692E-04
```

```
8.493E-05
6.756E-05
5.404E-05
                        2.047E-04
1.628E-04
                                                                              1.117E-04
8.926E-05
7.250E-05
                                           1.329E-03
                                                             3.946E-05
                                                                                                                   3.687E-05
2.942E-05
                                                                                                                                     3.980E-04
3.128E-04
        521
                                                                                                                                                       1.009E-04
                         1.303E-04
                                          1.096E-03
9.463E-04
                                                             3.149E-05
2.552E-05
                                                                                                 4.395E-05
                                                                                                                   2.384E-05
                                                                                                                                     2.487E-04
                                                                                                                                                       8.216E-05
                         1.060E-04
        523
                                                                                                                                                       6.876E-05
5.930E-05
5.302E-05
4.823E-05
                                          7.995E-04
6.487E-04
5.275E-04
                                                                                                                                     2.062E-04
1.777E-04
                                                                              6.062E-05
5.227E-05
                                                                                                 3.676E-05
3.170E-05
                                                                                                                   1.991E-05
1.717E-05
                                                             2.132E-05
        524
                         8.868E-05
                                                             1.838E-05
                         7.647E-05
                                                                                                                                     1.591E-04
                                                             1.644E-05
                                                                               4.675E-05
                                                                                                 2.835E-05
                                                                                                                   1.536E-05
                         6.838E-05
        526
                                                                                                 2.578E-05
2.372E-05
2.200E-05
                                                                                                                                     1 450E-04
                                           4.499E-04
                                                             1.496E-05
                                                                               4.253E-05
                                                                                                                   1.397E-05
                         6,220E-05
         527
                                                                              3.914E-05
                                                                                                                   1.287E-05
                                                                                                                                     1.345E-04
                                          4.005E-04
3.649E-04
                                                             1.378E-05
                                                                                                                                                       4.435E-05
                         5.723E-05
                                                                                                                                     1.257E-04
                                                                                                                                                       4.111E-05
3.836E-05
                         5.306E-05
                                                             1.279E-05
                                                                               3,631E-05
                                                                                                                   1.195E-05
        529
                        4.953E-05
9.264E-05
                                           3.371E-04
                                                             1.195E-05
2.504E-05
                                                                               3.390E-05
                                                                                                 2.053E-05
                                                                                                                   1.117E-05
                                                                                                                                     1.180E-04
         530
                                                                                                 3.903E-05
                                                                                                                   2,353E-05
                                                                                                                                     3.826E-04
                                                                                                                                                       6.911E-05
                                          3.400E-04
                                                                               6.675E-05
                                           4.396E-04
5.674E-04
                                                                                                                                                       8.287E-05
9.918E-05
1.184E-04
                                                                                                 4.683E-05
                                                                                                                                     4.609E-04
5.563E-04
                                                             3.006E-05
                                                                               8.011E-05
                                                                                                                   2.825E-05
                        1.111E-04
        532
                         1.331E-04
                                                             3.608E-05
4.279E-05
                                                                              9.609E-05
1.142E-04
                                                                                                                   3.391E-05
                                                                                                 5.613E-05
        533
                                          6.994E-04
8.686E-04
                                                                                                 6.683E-05
7.999E-05
                                                                                                                   4.020E-05
                                                                                                                                     6.510E-04
                        1.586E-04
1.902E-04
                                                             5.076E-05
                                                                               1.362E-04
                                                                                                                   4.766E-05
                                                                                                                                     7.459E-04
8.943E-04
                                                                                                                                                       1.426E-04
1.768E-04
        535
                                                            5.076E-05
6.230E-05
7.749E-05
2.594E-04
2.367E-04
2.102E-04
1.168E-04
7.858E-05
                                                                              1.679E-04
2.110E-04
7.525E-04
6.787E-04
5-931E-04
                                                                                                 9.882E-05
1.250E-04
                                                                                                                   5,848E-05
                         2.352E-04
                                           1.089E-03
         536
                                                                                                                                                       2.259E-04
8.734E-04
7.781E-04
                                          1.458E-03
4.511E-03
4.033E-03
                                                                                                                   7.267E-05
                                                                                                                                     1.039E-03
                        2.986E-04
                        1.115E-03
9.990E-04
                                                                                                                   2.418E-04
2.209E-04
                                                                                                                                     2.065E-03
2.110E-03
                                                                                                 4.607E-04
        538
                                                                                                 4.134E-04
3.579E-04
        539
                                                                                                                   1,965E-04
                                                                                                                                     2.194E-03
                                                                                                                                                       6.647E-04
                                          3.645E-03
3.258E-03
        540
                        8.612E-04
                        4.779E-04
3.285E-04
                                                                               3.296E-04
                                                                                                 1.988E-04
                                                                                                                   1.092E-04
7.338E-05
                                                                                                                                     1.226E-03
7.406E-04
                                                                                                                                                       3.687E-04
2.551E-04
        541
                                                                              2.242E-04
1.666E-04
                                          2.692E-03
2.056E-03
                                                                                                 1.361E-04
1.011E-04
         542
                                                             5.855E-05
                                                                                                                   5,468E-05
                                                                                                                                     5.622E-04
                                                                                                                                                       1.892E-04
                        2.439E-04
1.821E-04
        543
                                                                                                                                                       1.413E-04
1.104E-04
8.934E-05
7.518E-05
6.564E-05
5.864E-05
5.316E-05
                                          1.578E-03
1.278E-03
1.050E-03
8.334E-04
                                                                               1.244E-04
9.699E-05
7.846E-05
                                                                                                                                     4,181E-04
3.203E-04
2.588E-04
                                                             4.370E-05
                                                                                                 7.548E-05
5.890E-05
                                                                                                                   4.081E-05
3.176E-05
        544
                                                            3.401E-05
2.751E-05
2.322E-05
2.031E-05
1.818E-05
                         1.422E-04
                                                                                                                   2,569E-05
                                                                                                 4.765E-05
        546
547
                        1.150E-04
9.686E-05
                                                                                                 4.014E-05
3.506E-05
                                                                               6.613E-05
5.779E-05
                                                                                                                   2.168E-05
                                                                                                                                     2.210E-04
                                                                                                                                     1.947E-04
                        8.461E-05
7.562E-05
6.859E-05
                                          6.598E-04
5.518E-04
4.857E-04
                                                                                                                   1.896E-05
         540
                                                                               5.169E-05
                                                                                                 3.134E-05
2.843E-05
2.608E-05
                                                                                                                   1,698E-05
                                                                                                                                     1.760E-04
        549
                                                                               4.690E-05
4.304E-05
                                                                                                                                     1.611E~04
                                                             1.652E-05
                                                                                                                   1.543E-05
        550
                                                                                                                   1.417E-05
                                                                                                                                                       4.875E-05
                                           4.393E-04
4.027E-04
3.718E-04
                                                             1.517E-05
                                                                                                                                     1,487E-04
        551
                         6.292E-05
                                                             1.404E-05
1.308E-05
1.224E-05
                                                                                                 2.412E-05
2.244E-05
2.096E-05
                         5.818E-05
                                                                               3.982E-05
                                                                                                                   1.312E-05
                                                                                                                                     1.385E-04
                                                                                                                                                       4.506E-05
        552
                                                                                                                                     1.301E-04
1.233E-04
                                                                                                                   1.222E-05
1.144E-05
                                                                                                                                                       4.188E-05
3.909E-05
        553
                         5.410E-05
                                                                               3.706E-05
                                                                               3.464E-05
                         5.053E-05
                                          3.452E-04
3.523E-04
                                                             2.234E-05
                                                                               5,922E-05
                                                                                                 3.445E-05
                                                                                                                   2.100E-05
                                                                                                                                     3.565E-04
                                                                                                                                                       6.041E-05
                         8.141E-05
        555
                                                                                                                                                       7.251E-05
8.886E-05
                                                                                                 4.111E-05
5.024E-05
                                                                                                                   2.488E-05
3.030E-05
                                                                                                                                     4.112E-04
4.946E-04
                         9.738E-05
                                           3.890E-04
                                                             2.647E-05
                                                                               7.044E-05
         556
                                                                               8.596E-05
                                           4.817E-04
6.437E-04
                                                             3.225E-05
        557
                         1.192E-04
                        1.432E-04
1.762E-04
                                                             3.861E-05
                                                                               1.031E-04
                                                                                                 6.032E-05
                                                                                                                   3.628E-05
                                                                                                                                      5.864E-04
                                                                                                                                                       1.069E-04
        558
                                           8.484E-04
                                                             4.744E-05
5.944E-05
1.064E-04
                                                                               1.268E-04
1.598E-04
                                                                                                 7.424E-05
9.396E-05
                                                                                                                   4.456E-05
5.581E-05
                                                                                                                                     7.160E-04
8.643E-04
                                                                                                                                                       1.317E-04
                                                                                                                                                       1.677E-04
                                          1.118E-03
2.191E-03
3.528E-03
                        2.236E-04
4.151E-04
7.148E-04
        560
                                                                                                                                     1.365E-03
                                                                               2.916E-04
                                                                                                 1.734E-D4
                                                                                                                   9.971E-05
                                                                                                                                                       3.153E-04
        561
                                                                                                                                                       5.492E-04
                                                                                                 2.974E-04
                                                                                                                   1.656E-04
                                                                                                                                     1.972E-03
                                                             1.770E-04
                                                                               4.947E-04
   DEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP **
Output File: g:\ace\GQ91\GQTPACE.OUT
Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288
                                                                                                                                                     11/07/95
                                                                                                                                                                    09:51:16
                                                                                                                                                                                     Page
...put File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                 8.713E-04
9.902E-04
8.582E-04
                                                                                                                   4.603E-04
                                                                                                                                     4.167E-03
8.102E-03
7.980E-03
                                                                               1.428E-03
                                                                                                                   5.733E-04
5.107E-04
                                                                                                                                                       1,791E-03
                                          6.462E-03
5.878E-03
3.587E-03
                                                             6.115E-04
5.439E-04
1.159E-04
                         2.364E-03
                                                                               1.670E-03
1.462E-03
        564
                                                                                                                                                       1.529E-03
3.700E-04
        565
                         2.040E-03
                                                                                                                                     1.166E-03
7.032E-04
4.785E-04
                         4.783E-04
3.062E-04
                                                                               3.288E-04
                                                                                                 1.988E-04
                                                                                                                   1.083E-04
        566
567
                                                                                                 1.270E-04
                                                                                                                                                       2.376E-04
                                                                               2.093E-04
1.458E-04
                                                                                                                   6.860E-05
                                                             7.346E-05
5.108E-05
                                           2.605E-03
                                                                                                 8.856E-05
                                                                                                                   4,769E-05
                                                                                                                                                       1.660E-04
                                           1.914E-03
1.475E-03
        568
                         2.137E-04
                         1.597E-04
                                                                                                                                     3.509E-04
2.875E-04
2.480E-04
                                                             3.806E-05
                                                                               1.088E-04
                                                                                                 6,614E-05
                                                                                                                   3.553E-05
                                                                                                                                                       1.242E-04
        569
                                                                                                                   2.878E-05
2.456E-05
                                                             3.082E-05
2.630E-05
2.315E-05
                                                                               8.797E-05
7.496E-05
                                                                                                 5.345E-05
                                                                                                                                                        1.003E-04
         570
                         1.291E-04
                                           1.128E-03
                                                                                                  4.552E-05
                                                                                                                                                       8.535E-05
                         1.099E-04
                                           8.659E-04
        571
                        9,665E-05
8,615E-05
                                                                               6.594E-05
                                                                                                                                                       7.503E-05
                                           7.067E-04
                                                                                                 4.003E-05
                                                                                                                   2.162E-05
                                                                                                                                     2.195E-04
        572
                                                                                                                                     1.963E-04
1.796E-04
                                           6.122E-04
                                                             2.065E-05
                                                                               5.879E-05
5.311E-05
                                                                                                 3.569E-05
3.222E-05
                                                                                                                   1.928E-05
1.744E-05
                                                                                                                                                       6.687E-05
                                                                                                                                                       6.031E-05
                        7.775E-05
7.050E-05
6.394E-05
                                                             1.867E-05
1.698E-05
                                           5.463E-04
4.940E-04
                                                                                4.821E-05
                                                                                                 2.922E-05
                                                                                                                   1.586E-05
                                                                                                                                      1.656E-04
                                                                                                                                                        5.464E-05
        575
                                                                                                 2.651E-05
2.401E-05
2.175E-05
                                                                                                                                                       4.952E-05
                                                                                                                   1.442E-05
1.308E-05
                                                                                                                                     1.522E-04
1.394E-04
                                           4.530E-04
                                                             1.543E-05
                                                                               4.376E-05
        576
577
                                                                                                                                                        4,483E-05
                         5.791E-05
5.243E-05
4.754E-05
                                          4.220E-04
3.999E-04
                                                             1.400E-05
1.270E-05
                                                                               3.966E-05
3.594E-05
                                                                                                                                      1.275E-04
                                                                                                                                                        4.057E-05
                                                                                                                   1.186E-05
        578
                                                                                                                   1.078E-D5
                                                                                                                                     1.169E-04
3.050E-04
                                           3.835E-04
                                                             1.154E-05
                                                                               3.261E-05
                                                                                                 1.972E-05
                                                                                                                                                       3.676E-05
                                                                                                 2.874E-05
3.402E-05
                                                                                                                   1.763E-05
                                           4.026E-04
4.617E-04
5.024E-04
                                                             1 874E-05
2 227E-05
                                                                                                                                                        5.020E-05
                         6.783E-05
                                                                               4.953E-05
         580
                                                                                                                                                       5.916E-05
7.028E-05
                         8.012E-05
                                                                               5.876E-05
                                                                                                                   2.095E-05
                                                                                                                                      3.684E-04
        581
                                                                                                                   2.468E-05
2.980E-05
                                                                                                                                     4.269E-04
4.944E-04
         582
                         9,495E-05
                                                             2.623E-05
                                                                               6.940E-05
                                                                                                 4.026E-05
                                                             3.171E-05
                                                                                                                                                        8.670E-05
                                           5.696E-04
7.479E-04
1.056E-03
                                                                                                 4.921E-05
6.372E-05
                         1.165E-04
                                                                               8.438E-05
                                                             4.075E-05
5.335E-05
                                                                               1,089E-04
                                                                                                                   3.829E-05
                                                                                                                                     6.177E-04
                                                                                                                                                       1.129E-04
        584
                        1.512E-04
1.988E-04
                                                                                                                                     7.984E-04
1.410E-03
                                                                                                                                                       1,487E-04
3.054E-04
                                                                                1.428E-04
                                                                                                 8.370E-05
                                                                                                                   5.012E-05
        585
                                                                                                                   9.835E-05
1.681E-04
                                                             1.049E-04
1.796E-04
                         4.038E-04
                                           2.293E-03
                                                                               2.856E-04
                                                                                                 1.691E~04
         586
                                                                               5.005E-04
                                                                                                 3,003E-04
                                                                                                                                      2.055E-03
                                                                                                                                                        5.531E-04
                                           3.958E-03
7.369E-03
                         7.212E-04
        587
                                                                                                                                     6.942E-03
1.384E-03
5.259E-04
                                                             5.139E-04
                                                                                1.402E-03
                                                                                                  8.295E-04
                                                                                                                   4.820E-04
                                                                                                                                                        1.494E-03
                         1.976E-03
        588
                                                                               3.368E-04
1.706E-04
                                                                                                                                                        3.691E-04
                         4.815E-04
                                           3.544E-03
                                                             1.201E-04
                                                                                                 2.016E-04
                                                                                                                   1.124E-04
         589
                        2.513E-04
1.885E-04
                                                                                                 1.040E-04
7.798E-05
                                                                                                                                                        1.958E-04
                                          2.328E-03
1.659E-03
                                                             5.946E-05
                                                                                                                   5.548E-05
        590
                                                                                                                                                        1.467E-04
1.189E-04
                                                             4.475E-05
                                                                                1.281E-04
                                                                                                                   4.176E-05
                                                                                                                                      4.041E-04
        591
                                                                                                                   3.392E-05
2.860E-05
                                                                               1.039E-04
8.747E-05
                                                                                                 6.323E-05
5.318E-05
                                                                                                                                     3.314E-04
         592
                         1.528E-04
                                           1.217E-03
                                                             3.634E-05
                                                                                                                                     2.834E-04
2.487E-04
2.194E-04
                                                                                                                                                        9.986E-05
                                                             3.063E-05
                         1.285E-04
                                           9.555E-04
8.092E-04
         593
                        1.100E-04
9.495E-05
                                                             2.632E-05
2.281E-05
                                                                                                                   2.458E-05
2.130E-05
                                                                                                                                                       8.538E-05
7.365E-05
                                                                               7.499E-05
                                                                                                  4.554E-05
         594
                                                                               6.485E-05
                                           7.100E-04
                                                                                                 3.934E-05
                                                                                                 3.412E-05
2.975E-05
                                                             1.982E-05
                                                                                5.629E-05
                                                                                                                   1.852E-05
                                                                                                                                      1.932E-04
                                                                                                                                                        6.382E-05
                         8.234E-05
        596
597
                                           6.393E-04
5.891E-04
                         7,177E-05
                                                             1.731E-05
                                                                               4.911E-05
                                                                                                                   1.617E-05
                                                                                                                                      1.705E-04
                                                                                                                                                        5,560E-05
                         6.307E-05
5.589E-05
                                                                                                                                     1.514E-04
1.347E-04
                                                                                                                                                        4.884E-05
                                           5.510E-04
5.177E-04
                                                             1.524E-05
                                                                               4.319E-05
3.829E-05
                                                                                                 2.615E-05
2.318E-05
                                                                                                                   1.424E-05
1.263E-05
         598
                                                                                                                                                        4.327E-05
                                                             1.352E-05
        599
                                                                               3,435E-05
                                                                                                  2.079E-05
                                                                                                                    1.133E-05
                                                                                                                                      1.213E-04
                                                                                                                                                        3.879E-05
                         5.013E-05
                                           4.840E-04
                                                             1.213E-05
        600
                                                             1.095E-05
                                                                                                                                     1.093E-04
9.971E-05
                                           4.480E-04
                                                                               3.101E-05
                                                                                                 1.877E-05
                                                                                                                   1.023E-05
9.342E-06
                                                                                                                                                        3.503E-05
        601
                                                                                                                                                        3.200E-05
                                                             9.999E-06
                                                                                                  1.715E-05
                         4.135E-05
5.784E-05
                                           4.113E-04
2.460E-04
                                                                               2 833E-05
         602
                                                                                                                    1,463E-05
                                                             1.557E-05
                                                                                4.160E-05
                                                                                                  2.436E-05
                                                                                                                                      2.353E-04
                                                                                                                                                        4.321E-05
        603
                                                                               4.850E-05
5.880E-05
7.196E-05
                         6.734E-05
8.145E-05
                                           3.412E-04
                                                             1.817E-05
                                                                                                  2.838E-05
                                                                                                                    1.707E-05
                                                                                                                                      2.763E-04
                                                                                                                                                        5.027E-05
        604
                                                                                                  3.435E-05
                                                                                                                   2.073E-05
                                                                                                                                      3.392E-04
                                                                                                                                                        6.072E-05
                                           4.757E-04
6.304E-04
                                                             2.206E-05
2.704E-05
        605
                                                                                                                                                        7.403E-05
9.209E-05
                         9.945E-05
                                                                                                                   2.542E-05
                                                                                                                                      4.207E-04
        606
                         1.241E-04
                                           7.817E-04
                                                             3.401E-05
                                                                                9.023E-05
                                                                                                  5.250E-05
                                                                                                                   3 198E-05
                                                                                                                                      5.415E-04
        607
                                                                                                                                      7.096E-04
                                                                                                                   4.200E-05
                         1.631E-04
                                           9.918E-04
                                                             4.467E-05
                                                                               1 185E-04
                                                                                                  6.894E-05
```

2.198E-04 1.788E-04 1.438E-04

1 102E-04

1 193E-04

9.737E-05

7.823E-05

5.984E-05

4.618E~05

1 253E-03

1.041E-03

8.297E-04 6.282E-04

4.107E-04 3.334E-04

2.684E-04 2.059E-04

1.585E-04

1 259E-04

3.627E-04 2.954E-04 2.376E-04

1 819E-04

1.403E-04

2.631E-03 2.666E-03 2.519E-03 2.143E-03

1.690E-03

5.300E-04

4.308E-04

3.467E-04

2.657E-04

516

517

518

520

1.278E-04

1.042E-04

8.373E-05

6.405E-05

4.943E-05

```
1.428E-03
4.954E-03
2.876E-03
1.907E-03
                                                      6.331E-05
                                                                      1.694E-04
                                                                                      9.917E-05
                                                                                                      5.947E-05
                                                                                                                      9.535E-04
                                                                                                                                      1.759E-04
                      2.354E-04
6.250E-04
       609
                                                      1.489E-04
7.689E-05
5.345E-05
                                                                                      2.596E-04
1.343E-04
9.292E-05
                                                                                                      1.390E-04
7.176E-05
4.989E-05
                                                                                                                      1.370E-03
6.860E-04
                                                                                                                                      4.860E-04
2.528E-04
1.746E-04
                                                                      4.273E-04
       610
                                                                      2.205E-04
1.528E-04
                      3.246E-04
                                                                                                                       4.902E-04
                      2.245E-04
1.721E-04
       612
                                      1.410E-03
                                                      4,1168-05
                                                                      1.173E-04
                                                                                      7.126E-05
                                                                                                      3.843E-05
                                                                                                                       3.871E-04
                                                                                                                                       1.337E-04
       613
                      1.369E-04
                                      1.167E 03
                                                      3 283E-05
                                                                      9.342E-05
                                                                                      5.669E-05
                                                                                                      3.066E-05
                                                                                                                       3.139E-04
                                                                                                                                       1.062E-04
                                                                                                           * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                           Output File: g:\ace\GQ91\GQTFACE.OUT
                                                                                                                                    11/07/95 09:51:16
                                                                                                                                                                Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                      2.679E-05
2.251E-05
1.929E-05
                                                                      7.620E-05
                                                                                                                      2.572E-04
2.165E-04
                                                                                      4.623E-05
                                                                                                      2.502E-05
                                                                                                      2.102E-05
                      9,370E-05
                                      9.062E-04
8.124E-04
                                                                      6.400E-05
                                                                                      3.882E-05
                                                                                                                                       7.269E-05
                      8.039E-05
7.050E-05
                                                                      5.489E-05
                                                                                      3.330E-05
                                                                                                      1.802E-05
                                                                                                                       1.850E-04
                                                                                                                                       6.237E-05
       617
                                                                                                      1.580E-05
1.409E-05
                                                                                      2.921E-05
2.607E-05
                                      7.247E-04
                                                      1.691E-05
                                                                      4.813E-05
                                                                                                                       1.618E-04
                                                                                                                                       5 471E-05
       618
                                                                                                                                       4.883E-05
                                                      1.509E-05
                                                                      4.296E-05
                                                                                                                       1.442E-04
                                      6.387E-04
5.577E-04
                      6.293E-05
5.695E-05
                                                      1.366E-05
                                                                      3.888E-05
                                                                                      2.359E-05
                                                                                                      1,276E-05
                                                                                                                       1.305E-04
                                                                                                                                       4.419E-05
        620
                                                                                                                      1.196E-04
1.103E-04
                                                                      3.557E-05
3.278E-05
                                                                                      2.159E-05
1.989E-05
                                                                                                      1.167E-05
1.076E-05
                                                                                                                                      4.043E-05
                      5,210E-05
                                      4.853E-04
                                                      1.250E-05
        621
                                                      1.152E-05
        622
                      4.800E-05
                                      4.225E-04
                                                                                      1.849E-05
1.766E-05
2.185E-05
                      4.461E-05
                                      3.690E-04
3.250E-04
                                                      1.071E-05
                                                                      3.047E-05
                                                                                                      1.001E-05
                                                                                                                       1.030E-04
                                                                                                                                      3.461E-05
3.297E-05
        623
                                                                                                      9.605E-06
1.326E-05
                                                                                                                      1.017E-04
2.220E-04
                      4.258E-05
                                                      1.028E-05
                                                                      2.916E-05
3.751E-05
        624
                                                      1.410E-05
                                                                                                                                      3.840E-05
                                      2.064E-04
                      5.165E-05
                                                                                      2.426E-05
2.728E-05
3.197E-05
                                                                                                                      2.450E-04
2.706E-04
                      5.735E-05
                                      2.330E-04
                                                      1.563E-05
                                                                      4.162E-05
                                                                                                      1.469E-05
                                                                                                                                       4.265E-05
        626
                                                                                                      1.646E-05
                                                                                                                                       4.810E-05
                                      2.756E-04
3.567E-04
                                                      1.751E-05
2.042E-05
                      6.455E-05
                                                                      4.674E-05
        627
                                                                      5.465E-05
                                                                                                      1.918E-05
                                                                                                                       3.091E-04
                                                                                                                                       5.661E-05
        628
                      7 579E-05
                                                      2.537E-05
                                                                      6.798E-05
                                                                                      3.984E-05
                                                                                                      2,383E-05
                                                                                                                       3,792E-04
                                                                                                                                      7.073E-05
                      9.455E-05
                                      5.259E-04
        629
                                                                      9.126E-05
1.319E-04
2.185E-04
                                                                                                                      5.062E-04
7.280E-04
                                                                                                                                      9.517E-05
                                      8.250E-04
                                                      3.405E-05
                                                                                      5.352E-05
7.737E-05
                                                                                                      3,198E-05
        630
                                                      4.919E-05
8.141E-05
                                                                                                      4.619E-05
                                      1.311E-03
                      1.839E-04
3.049E-04
                                      2.287E-03
                                                                                      1.282E-04
                                                                                                      7.645E-05
                                                                                                                       1.200E-03
                                                                                                                                       2.284E-04
        632
                                                      9.625E-05
5.961E-05
4.421E-05
3.488E-05
2.869E-05
                      4.120E-04
2.528E-04
                                                                                                                                      3.223E-04
1.972E-04
                                                                      2.783E-04
1.714E-04
                                                                                                      8.976E-05
5,562E-05
                                      3.900E-03
                                                                                      1.702E-04
                                                                                                                      7.886E-04
5.175E-04
        633
                                                                                      1.045E-04
7.712E-05
6.060E-05
                                      2.542E-03
1.927E-03
                                                                      1.266E-04
9.965E-05
                                                                                                                                      1.452E-04
1.138E-04
                                                                                                      4.126E-05
                                                                                                                       3.965E-04
                      1.864E-04
        635
                                                                                                                       3.215E-04
                                                                                                      3.257E-05
                      1.464E-04
                                      1.518E-03
        636
                                      1.213E-03
9.756E-04
7.902E-04
                                                                                      4.970E-05
                                                                                                      2,679E-05
                                                                                                                       2.689E-04
                                                                      8.181E-05
                      1.200E-04
1.021E-04
        637
                                                      2.444E-05
                                                                      6.964E-05
                                                                                      4.229E-05
3.661E-05
3.208E-05
                                                                                                      2.282E-05
1.979E-05
                                                                                                                      2.308E-04
2.022E-04
                                                                                                                                      7.930E-05
6.860E-05
        638
                                                                      6.032E-05
5.290E-05
                                                      2.120E-05
1.861E-05
                      8.839E-05
                                                                                                                                      6.006E-05
                                      6.498E-04
                                                                                                      1.738E-05
                                                                                                                       1.797E-04
                      7.744E-05
6.872E-05
        640
                                                                                      2.848E-05
2.559E-05
2.318E-05
                                                                      4.698E-05
4.225E-05
                                                                                                                                      5.326E-05
4.782E-05
                                      5,448E-04
                                                      1.655E-05
                                                                                                      1.546E-05
                                                                                                                       1.614E-04
        641
                                                                                                      1.392E-05
                                                                                                                       1,468E-04
                                                      1.490E-05
                      6.174E-05
5.591E-05
                                      4.669E-04
4.093E-04
                                                                                                                                       4.329E-05
                                                      1.351E-05
                                                                      3.828E-05
                                                                                                      1.262E-05
                                                                                                                       1.343E-04
        643
                                                      1.235E-05
1.135E-05
1.053E-05
                                                                      3.497E-05
3.212E-05
                                                                                                      1.154E-05
                                                                                                                       1.237E-04
                                                                                                                                       3.949E-05
                      5.103E-05
                                      3.662E-04
                                                                                      2.116E-05
                                                                                      1.943E-05
1.801E-05
                                                                                                      1.061E-05
                                                                                                                       1.143E-04
                                                                                                                                       3,625E-05
                                      3.332E-04
3.071E-04
        645
                      4.686E-05
                      4.341E-05
                                                                      2.977E-05
                                                                                                      9.841E-06
                                                                                                                       1.067E-04
                                                                                                                                       3.357E-05
        646
                                                                                                                       9.953E-05
1.799E-04
                                                      9.789E-06
1.157E-05
                                                                                                      9.148E-06
                                                                                                                                      3.117E-05
                      4.032E-05
                                      2.856E-04
                                                                      2.766E-05
3.085E-05
                                                                                      1.673E-05
1.799E-05
                                                                                                                                       3.16BE-05
                                      2.353E-04
2.723E-04
                                                                                                      1.087E-05
        64A
                      4.255E-05
                                                      1.294E-05
                                                                      3.459E-05
                                                                                      2.020E-05
                                                                                                      1.216E-05
1.378E-05
                                                                                                                       1.990E-04
                                                                                                                                      3.561E-05
                      4.777E-05
        649
                                                                                                                       2.222E-04
                                                                                                                                       4.064E-05
                                      3.200E-04
3.834E-04
                                                                      3.932E-05
4.556E-05
                                                                                      2.299E-05
2.670E-05
        650
                      5.442E-05
                                                      1.466E-05
                                                                                                                      2.516E-04
2.974E-04
                                                                                                      1.591E-05
                                                                                                                                       4,737E-05
                                                      1.694E-05
                      6.329E-05
7.674E-05
        651
                                      4.724E-04
                                                      2.041E-05
                                                                      5,504E-05
                                                                                      3.233E-05
                                                                                                      1.917E-05
                                                                                                                                      5.757E-05
        652
                                                                                                                                       7.193E-05
                                                                                      4.022E-05
5.370E-05
                                                                                                                      3.611E-04
4.734E-04
                                      6.041E-04
                                                      2.529E-05
                                                                      6.831E-05
                                                                                                      2.374E-05
                      9.567E-05
        653
                                                                      9.105E-05
1.388E-04
                                                                                                       3.160E-05
                                                                                                                                      9.638E-05
                                      8.413E-04
1.488E-03
1.923E-02
                                                      3.368E-05
                      1.280E-04
                                                      5.109E-05
                                                                                      8.214E-05
                                                                                                       4.792E-05
                                                                                                                       6.936E-04
                                                                                                                                       1.482E-04
                      1.962E-04
        655
                                                                      5.735E-04
3.701E-04
2.205E-04
                                                                                      3.471E-04
2.261E-04
1.348E-04
                                                                                                                                       6.473E-04
                      8.362E-04
                                                      2.021E-04
                                                                                                      1.888E-04
                                                                                                                       2.011E-03
        656
                                                                                                      1.196E-04
7.122E-05
                                                                                                                       1.070E-03
        657
                      5.473E-04
3.263E-04
                                      5.962E-03
3.444E-03
                                                      1.282E-04
7.637E-05
                                                                                                                       6.330E-04
                                                                                                                                      2.551E-04
        658
                                                      5.093E-05
3.774E-05
                                                                      1.464E-04
1.079E-04
                                                                                                                       4.418E-04
                      2.160E-04
                                      2,267E-03
                                                                                      8.931E-05
                                                                                                       4.752E-05
                                                                                                                                       1.685E-04
        659
                                                                                      6.561E-05
                                                                                                       3.523E-05
                                                                                                                       3.460E-04
                                                                                                                                       1.233E-04
                                      1.632E-03
1.267E-03
        660
                      1.585E-04
                                                                                                                       2.843E-04
                                                      2.987E-05
                                                                      8.505E-05
                                                                                      5.163E-05
                                                                                                       2.790E-05
                                                                                                                                       9.674E-05
                      1.246E-04
        661
                                                      2.466E-05
2.108E-05
1.953E-05
                                                                                                                       2.395E-04
                                                                                                                                       7.948E-05
                                      1.040E-03
                                                                      7.006E-05
                                                                                      4.248E-05
                                                                                                      2.304E-05
                      1.025E-04
        662
                                                                                      3.621E-05
3.311E-05
                                                                                                                      2.081E-04
2.076E-04
1.749E-04
                                                                      5.977E-05
                                      8.817E-04
7.674E-04
                                                                                                       1.970E-05
                                                                                                                                       6.765E-05
        663
                      8.735E-05
                      7.968E-05
                                                                      5,492E-05
                                                                                                       1.826E-05
                                                                                                                                       6.143E-05
        664
                                                                                                                                       5.295E-05
                      6.860E-05
                                      6.726E-04
                                                      1.675E-05
                                                                      4.719E-05
                                                                                      2.849E-05
                                                                                                      1.566E-05
        665
                                                                      4.070E-05
                                                                                      2.461E-05
                                                                                                       1.345E-05
                                                                                                                       1.458E-04
                                                                                                                                       4.589E-05
                      5.934E-05
                                      5.957E-04
                                                      1.440E-05
                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288
GOLDEN QUEEN MINING - SOLEDAD MIN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                            Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                    11/07/95
                                                                                                                                                  09:51:16
                                                                                                                                                                 Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                      2.215E-05
2.007E-05
1.834E-05
                                                                                                       1.212E-05
                                                                                                                       1 321E-04
                                                                                                                                      4.128E-05
3.737E-05
                                                                       3.664E-05
                                                                                                                       1.209E-04
                                                                                                       1.100E-05
                                      4.832E-04
4.404E-04
                                                      1.177E-05
1.077E-05
                                                                      3.322E-05
3.037E-05
                      4.837E-05
        668
                                                                                                       1.007E-05
                                                                                                                       1,115E-04
                                                                                                                                       3.413E-05
                      4.419E-05
4.073E-05
        669
                                                      9.940E-06
9.236E-06
                                                                                                                       1.036E-04
                                      4.041E-04
                                                                      2.801E-05
                                                                                      1.691E-05
                                                                                                       9.291E-06
                                                                                                                                       3.144E-05
        670
                                                                                                                                       2.917E-05
                                                                                                       8.634E-06
                                                                                                                       9.673E-05
                                                                                      1.570E-05
                                      3.726E-04
3.452E-04
                                                                      2.601E-05
2.427E-05
                      3.781E-05
                                                                                      1.464E-05
                                                                                                       8.061E-06
                                                                                                                       9.076E-05
                                                                                                                                       2.720E-05
                                                      8.623E-06
        672
                      3 526E-05
                                      1.813E-04
                                                      1.025E-05
                                                                      2.747E-05
                                                                                      1.608E-05
                                                                                                       9.627E-06
                                                                                                                       1.543E-04
                                                                                                                                       2.848E-05
                      3.811E-05
        673
                                                                                                      1.078E-05
1.223E-05
                                                                                                                       1.726E-04
                                                      1.147E-05
1.302E-05
                                                                                      1.802E-05
                                      2.078E-04
                                                                      3.079E-05
                                                                                                                                       3.190E-05
        674
                                                                      3.506E-05
                                                                                      2.055E-05
                                                                                                                       1.931E-04
                                      2.448E-04
2.955E-04
                      4.867E-05
                                                      1.512E-05
                                                                      4,093E-05
                                                                                      2.408E-05
                                                                                                       1.420E-05
                                                                                                                       2.163E-04
                                                                                                                                       4.298E-05
                      5.718E-05
        676
                                                                                      2.887E-05
3.652E-05
                                                                                                                                      5.182E-05
6.540E-05
                      6.873E-05
                                      3.620E-04
                                                      1.803E-05
                                                                      4.892E-05
                                                                                                      1.692E-05
2.159E-05
                                                                                                                       2.509E-04
3.282E-04
        677
                                      4.525E-04
6.280E-04
                                                      2.300E-05
3.090E-05
                                                                      6.202E-05
8.355E-05
                      8.699E-05
        678
                                                                                      4.925E-05
                                                                                                       2.900E-05
                                                                                                                       4.365E-04
                                                                                                                                       8.827E-05
                      1 173E-04
        679
                                                                                                                                      1.215E-04
2.332E-04
                      1.607E-04
                                                                      1.138E-04
2.163E-04
                                                                                      6.733E-05
                                                                                                      3.926E-05
                                      1.015E-03
                                                      4.186E-05
                                                                                                                       5.683E-04
        680
                                                                                                       7.420E-05
                                                                                                                       1.032E-03
                                                      7.916E-05
1.543E-04
                                                                                      1.285E-04
                      3.074E-04
5.758E-04
                                      2.044E-03
1.036E-02
        681
                                                                                                                       2.296E-03
2.401E-03
1.760E-03
                                                                      4.122E-04
                                                                                      2.418E-04
                                                                                                       1.449E-04
                                                                                                                                       4.309E-04
        682
                                                                                      2.566E-04
2.463E-04
                                                                                                      1.532E-04
1.390E-04
                      6.110E-04
                                      1.724E-02
                                                      1.631E-04
                                                                      4.369E-04
                                                                                                                                       4.578E-04
        683
                                                                      4.117E-04
                                                      1.485E-04
9.351E-05
                                                                                                                                       4.521E-04
                                      1.809E-02
                      5.910E-04
                                      3.994E-03
                                                                      2.672E-04
                                                                                      1.625E-04
                                                                                                       8.730E-05
                                                                                                                       8.599E-04
                                                                                                                                       3.053E-04
                      3.926E-04
        685
                                                      6.569E-05
4.745E-05
3.557E-05
                                      2.430E-03
                                                                      1.882E-04
                                                                                      1.146E-04
8.274E-05
                                                                                                       6.131E-05
                                                                                                                       5.876E-04
                                                                                                                                      2.158E-04
1.557E-04
        686
                                                                                                                       4.270E-04
                                                                                                       4.429E-05
                      2.000E-04
                                      1.719E-03
1.286E-03
                                                                      1 359E-04
                                                                       1.018E-04
                                                                                      6.195E-05
                                                                                                       3.320E-05
                                                                                                                       3.223E-04
                                                                                                                                       1.165E-04
                      1.497E-04
        688
                                                      2.790E-05
                                                                                                                       2.581E-04
2.184E-04
                      1.170E-04
                                                                                      4.844E-05
4.017E-05
                                                                                                      2.605E-05
2.167E-05
                                                                                                                                       9.097E-05
7.534E-05
                                      1.019E-03
                                                                      7.968E-05
        689
                                      8.467E-04
7.273E-04
6.390E-04
                      9.701E-05
                                                      2.320E-05
                                                                      6.614E-05
        690
                                                      1.977E-05
                                                                                                                       1.882E-04
                                                                                                                                       6.402E-05
                                                                       5,629E-05
                      8.248E-05
        691
                      7.134E-05
                                                      1,713E-05
                                                                       4.873E-05
                                                                                      2.956E-05
                                                                                                       1.600E-05
                                                                                                                       1.648E-04
                                                                                                                                       5 534E-05
        692
                                                                                                                                       4.920E-05
                      6.345E-05
                                                      1.526E-05
                                                                                                       1.426E-05
                                                                                                                       1.481E-04
                                      5.706E-04
5.138E-04
        693
                                                                       4.337E-05
                                                                                      2.630E-05
                      5.645E-05
                                                      1,360E-05
                                                                      3.861E-05
                                                                                       2.340E-05
                                                                                                       1.270E-05
                                                                                                                       1.330E-04
                                                                                                                                       4.374E-05
        694
                                                                                                                                       3.915E-05
3.550E-05
                                                                                      2.095E-05
1.901E-05
        695
                      5.055E-05
                                      4.659E-04
                                                      1.220E-05
                                                                       3.459E-05
                                                                                                       1.139E-05
                                                                                                                       1.203E-04
                                                                                                                       1.102E-04
                      4.585E-05
                                      4.254E-04
3.905E-04
                                                      1.108E-05
                                                                      3.140E-05
                                                                                                       1.035E-05
```

2.866E-05

1.012E-05

4.182E-05

697

1.735E-05

9.460E-06

1.014E-04

3.236E-05

```
2.624E-05
2.414E-05
2.452E-05
                                                                                                                     8,673E-06
                                                                                                                                        9.403E-05
                                                              9 281E-06
                                                                                                   1.587E-05
                         3.826E-05
3.514E-05
                                            3.602E-04
3.335E-04
         698
                                                              8.551E-06
8.775E-06
                                                                                                   1.458E-05
1.472E-05
                                                                                                                     7.992E-06
8.210E-06
                                                                                                                                       8.788E-05
9.893E-05
                                                                                                                                                          2.715E-05
2.714E-05
         699
                                            3.129E-04
1.712E-04
         700
                          3.535E-05
                                                                                                   1.609E-05
                                                              1.016E-05
                                                                                 2.738E-05
                                                                                                                                                          2.871E-05
                          3.826E-05
         7 1 1
                                                                                3.143E-05
3.715E-05
                                                                                                                                        1.674E-04
                                                                                                   1.850E-05
                                                                                                                     1.094E-05
         702
                                                              1.166E-05
                                                                                                                                                          3.307E-05
                                                                                                                                        2.039E-04
         703
                          5.177E-05
5.996E-05
                                            2.133E-04
2.513E-04
                                                              1.383E-05
                                                                                                   2.180E-05
                                                                                                                     1.299E-05
                                                                                                                                                          3.879E-05
                                                                                                                                       2.425E-04
2.756E-04
3.187E-04
3.556E-04
                                                              1.612E-05
                                                                                 4.329E-05
                                                                                                   2,533E-05
         704
                                                                                                                     1.747E-05
                                            3.206E-04
                                                              1.860E-05
                                                                                 5.005E-05
                                                                                                   2,934E-05
                                                                                                                                                          5.208E-05
                                                                                                                     2.047E-05
                                                                                                                                                          6.140E-05
7.439E-05
         706
                                            4.461E-04
6.432E-04
                                                              2.181E-05
2.579E-05
                                                                                5.871E-05
7.007E-05
                                                                                                   3.448E-05
                          8.187E-05
                                                                                                                     2.420E-05
3.450E-05
6.275E-05
                                                                                                   4.139E-05
                          9.859E-05
         707
                                                                                                   5,964E-05
1,069E-04
                                                                                                                                       4.845E-04
9.288E-04
                                            9.406E-04
                                                              3.680E-05
                                                                                 1:005E-04
                                                                                                                                                          1.080E-04
         708
                                                                                1.810E-04
2.772E-04
3.154E-04
3.035E-04
                                            1.652E-03
4.178E-03
                                                                                                                                                          1.923E-04
         709
                          2.551E-04
                                                              6,688E-05
                                                                                                                                       1.496E-03
1.593E-03
1.340E-03
                                                                                                                     9,688E-05
                                                                                                                                                          2.915E-04
                          3.884E-04
                                                              1.032E-04
                                                                                                   1.630E-04
         710
                                                                                                   1.865E-04
1.812E-04
                                                                                                                     1.091E-04
1.029E-04
                                            6.851E-03
                                                              1.163E-04
                                                                                                                                                          3 362E-04
                                                              1.098E-04
7.822E-05
                                                                                                                                                          3.312E
                          4.340E-04
3.198E-04
                                            7.692E-03
3.400E-03
                                                                                                   1.328E-04
                                                                                 2.201E-04
                                                                                                                     7.313E-05
                                                                                                                                       8.242E-04
5.714E-04
                                                                                                                                                          2.467E-04
1.878E-04
         713
                                                              5.839E-05
4.426E-05
3.496E-05
2.721E-05
2.240E-05
                                            2.150E-03
1.500E-03
                                                                                1.657E-04
1.258E-04
                                                                                                   1.004E-04
7.634E-05
                                                                                                                     5.455E-05
4.133E-05
                          2.423E-04
         715
                          1.843E-04
                                            1.182E-03
9.625E-04
                                                                                                                     3,264E-05
2,540E-05
2,092E-05
                                                                                                                                                          1.142E-04
8.883E-05
7.260E-05
                          1.469E-04
                                                                                9.996E-05
7.775E-05
                                                                                                   6.080E-05
4.728E-05
                                                                                                                                       3.205E-04
2.501E-04
         716
                          1.142E-04
                                                                                                                                        2.125E-04
                                                                                                   3.873E-05
                                            7.991E-04
                                                                                 6.380E-05
                          9.352E-05
         718
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                       11/07/95 09:51:16
                                                                                                                                                                                       Page -
                                                              1.874E-05
1.632E-05
1.453E-05
                                                                                                                                      1.801E-04
1.598E-04
1.444E-04
                                                                                 5.328E-05
                                                                                                   3.233E-05
                                                                                                                     1:750E-05
                                                                                                                                                          6.053E-05
                                                                                4.631E-05
4.117E-05
                                                                                                   2.806E-05
2.493E-05
                                            5.472E-04
                                                                                                                     1.524E-05
                                                                                                                                                          5.247E-05
         720
721
                          6.771E-05
                          6.012E-05
                                            4.658E-04
                                                                                                                     1.358E-05
                                                                                                                                                          4.655E-05
                                                                                3.679E-05
3.337E-05
3.073E-05
2.838E-05
                                                                                                   2.226E-05
2.019E-05
                                                                                                                                       1.304E-04
1.186E-04
                                                                                                                                                          4.154E-05
3.766E-05
         722
                          5.369E-05
                                            4.035E-04
3.572E-04
                                                              1.300E-05
1.179E-05
                                                                                                                     1.215E-05
1.102E-05
         723
724
                          4.868E-05
                                                                                                                     1.015E-05
9.370E-06
8.689E-06
                                                                                                                                                          3.468E-05
3.204E-05
2.974E-05
                          4.483E-05
                                            3.228E-04
                                                              1.086E-05
                                                                                                   1.859E-05
                                                                                                                                       1.094E-04
                                                                                                                                       1.006E-04
9.306E-05
                                            2.964E-04
2.757E-04
                                                              1.003E-05
9.299E-06
                                                                                                   1.718E-05
         725
                          4.141E-05
                                                                                2.633E-05
2.436E-05
2.255E-05
                                                                                                   1.594E-05
                          3.842E-05
         726
                         3.557E-05
3.292E-05
4.321E-05
                                            2.585E-04
2.438E-04
                                                              8.601E-06
                                                                                                   1.475E-05
1.365E-05
                                                                                                                     8.036E-06
7.436E-06
1.096E-05
                                                                                                                                       8.573E-05
7.927E-05
                                                                                                                                                          2.753E-05
2.548E-05
                                                              7.959E-06
1.166E-05
         728
                                            1.434E-04
                                                                                 3,120E-05
                                                                                                   1.824E-05
                                                                                                                                       1.775E-04
                                                                                                                                                          3.225E-05
         729
                                                                                                                     1.204E-05
1.311E-05
1.448E-05
                                                                                                                                       1.944E-04
2.114E-04
2.354E-04
                                                                                3.433E-05
3.738E-05
                                                                                                   2.008E-05
2.186E-05
                                                                                                                                                          3.551E-05
3.867E-05
         730
                          4.755E-05
                                            1.794E-04
                                                              1.282E-05
                                            2.329E-04
2.955E-04
                          5.178E-05
5.703E-05
                                                              1.395E-05
1.541E-05
         731
         732
                                                                                 4.124E-05
                                                                                                   2.410E-05
                                                                                                                     1.540E-05
1.747E-05
2.142E-05
                                                                                                                                       2.448E-04
2.643E-04
         733
                          6.116E-05
                                            3.673E-04
                                                              1.640E-05
                                                                                 4.417E-05
                                                                                                   2.586E-05
                                                                                                                                                          4.575E-05
                                                                                5.042E-05
6.222E-05
9.818E-05
                                                                                                   2.969E-05
                                                                                                                                                          5.306E-05
         734
735
                          7.053E-05
8.770E-05
                                            4.506E-04
5.531E-04
                                                              1.862E-05
2.284E-05
                                                                                                   3,680E-05
                                                                                                                                        3.098E-04
                                                                                                                                                          6.629E-05
                          1.382E-04
                                            7.673E-04
                                                              3,628E-05
                                                                                                   5.795E-05
9.318E-05
                                                                                                                     3.405E-05
5.470E-05
                                                                                                                                       5.062E-04
8.105E-04
                                                                                                                                                          1.042E-04
         736
                                                                                                                                                          1.676E-04
2.265E-04
         737
                         2.223E-04
3.009E-04
                                           1.388E-03
                                                              5.830E-05
7.937E-05
                                                                                1.578E-04
2.142E-04
                                            2.820E-03
                                                                                                   1.262E-04
                                                                                                                      7.449E-05
                                                                                                                                        1.124E-03
         738
                                                              8.646E-05
8.686E-05
6.731E-05
                                                                                                   1.400E-04
1.415E-04
1.128E-04
                                                                                2.359E-04
2.380E-04
                                                                                                                     8.106E-05
8.140E-05
                                                                                                                                       1.143E-03
1.116E-03
                                                                                                                                                          2.535E-04
2.572E-04
         739
                          3.345E-04
                                            4.130E-03
                         3.386E-04
2.710E-04
2.517E-04
1.820E-04
                                            4.523E-03
2.725E-03
         740
                                                                                                                                                          2.080E-04
         741
                                                                                 1.879E-04
                                                                                                                      6,298E-05
                                                                                                                                       7.612E-04
                                           2.040E 03
1.475E-03
1.092E-03
                                                              6.363E-05
4.487E-05
3.289E-05
                                                                                1.763E-04
1.258E-04
                                                                                                   1.052E-04
7.568E-05
                                                                                                                     5.959E-05
4.197E-05
                                                                                                                                       7.745E-04
4.911E-04
                                                                                                                                                          1.921E-04
1.400E-04
         743
                                                                                 9.330E-05
7.776E-05
                                                                                                   5.654E-05
4.716E-05
                                                                                                                                       3.231E-04
                                                                                                                                                          1.057E-04
8.825E-05
                          1.364E-04
                                                                                                                     3.072E-05
         744
                                                                                                                                       2.649E-04
                                            8.422E-04
7.008E-04
6.202E-04
                                                              2.736E-05
2.212E-05
                                                                                                                     2.556E-05
2.065E-05
         745
                          1.138E-04
                                                                                 6.319E-05
                                                                                                                                        2.047E-04
                                                                                                                                                          7,213E-05
                                                                                                   3.841E-05
                         9.278E-05
7.775E-05
         746
                                                                                                   3.219E-05
2.762E-05
                                                                                                                     1.730E-05
                                                              1.854E-05
                                                                                 5.295E-05
                                                                                                                                       1.713E-04
                                                                                                                                                          6.045E-05
         747
                                                                                                                                       1.538E-04
                          6.666E-05
5.766E-05
5.132E-05
                                                              1.601E-05
1.395E-05
1.244E-05
                                                                                4.553E-05
3.950E-05
                                            5.641E-04
5.024E-04
                                                                                                                     1.495E-05
                                                                                                                                                          5,171E-05
         748
                                                                                                   2.391E-05
                                                                                                                     1.303E-05
                                                                                                                                       1,392E-04
                                                                                                                                                          4.463E-05
         749
                                            4.405E-04
                                                                                 3.519E-05
                                                                                                   2.129E-05
                                                                                                                     1.162E-05
                                                                                                                                       1.255E-04
1.148E-04
                                                                                                                                                          3.969E-05
         750
                                                                                                                                                          3.595E-05
                                                                                3.190E-05
2.906E-05
                                                                                                   1.929E-05
1.756E-05
         751
                          4.650E-05
                                            3.875E-04
                                                              1.129E-05
                                                                                                                     1.055E-05
                                                              1.030E-05
9.514E-06
                                                                                                                     9,626E-06
8,893E-06
                                                                                                                                                          3.269E-05
         752
753
                         4.231E-05
3.901E-05
                                            3.432E-04
3.050E-04
                                                                                                                                        1.060E-04
                                                                                 2.681E-05
                                                                                                   1.619E-05
                                                                                                                                       9.897E-05
                                                                                                                                                          3.011E-05
                                                                                2.520E-05
2.538E-05
2.254E-05
                                                                                                                                                          2.826E-05
2.818E-05
                          3.663E-05
                                            2.724E-04
                                                              8.952E-06
                                                                                                   1.521E-05
                                                                                                                     8.369E-06
                                                                                                                                       9.399E-05
                                                                                                                                       1.006E-04
8.343E-05
                                            2.471E-04
2.223E-04
         755
                          3.667E-05
                                                              9.068E-06
7.999E-06
                                                                                                   1.526E=05
                                                                                                                     8.483E-06
                                                                                                   1.361E-05
                                                                                                                      7.477E-06
                          3.277E-05
         756
         757
                          4.313E-05
                                            1.880E-04
                                                              1.167E-05
                                                                                 3.116E-05
                                                                                                    1.821E-05
                                                                                                                      1.097E-05
                                                                                                                                       1.789E-04
                                                                                                                                                          3.217E-05
                                                                                                                                       1.915E-04
1.944E-04
                                                                                                                                                          3.434E-05
3.480E-05
                                            2.154E-04
2.455E-04
                                                              1.247E-05
1.264E-05
                                                                                3.329E-05
3.383E-05
                                                                                                   1.945E-05
1.975E-05
                                                                                                                     1.172E-05
1.188E-05
         758
                          4.606E-05
                          4.668E-05
4.879E-05
         759
                                            2.828E-04
                                                              1.312E-05
                                                                                3.521E-05
3.906E-05
                                                                                                   2.061E-05
                                                                                                                      1.232E-05
                                                                                                                                        1.975E-04
                                                                                                                                                          3.647E-05
         760
                                                                                                                                        2.130E-04
2.345E-04
                          5.430E-05
6.379E-05
                                            3.256E-04
3.760E-04
                                                              1.449E-05
1.676E-05
                                                                                                   2.291E-05
                                                                                                                     1.361E-05
1.573E-05
                                                                                                                                                          4.069E-05
         761
                                                                                 4.555E-05
                                                                                                   2.685E-05
                                                                                                                                                          4.806E-05
         762
                                            4.464E-04
6.904E-04
1.186E-03
                                                                                                                     2.288E-05
3.226E-05
                          9.293E-05
                                                              2.439E-05
                                                                                 6.608E-05
                                                                                                   3.900E-05
                                                                                                                                        3.397E-04
                                                                                                                                                          7.005E-05
         763
                                                                                                                                        4.836E-04
7.174E-04
                                                                                                                                                          9.834E-05
                                                                                 9.307E-05
                                                                                                   5.487E-05
8.185E-05
         764
765
                                                              3.437E-05
5.129E-05
                          1.306E-04
                                                                                 1.387E-04
                          1.952E-04
                                                                                                                      4.812E-05
                                                                                                                                                          1.471E-04
                                            2.086E-03
2.717E-03
3.017E-03
2.638E-03
                          2.497E-04
                                                                                 1.776E-04
                                                                                                   1.048E-04
                                                                                                                      6.169E-05
                                                                                                                                        9.253E-04
                                                                                                                                                          1.880E-04
2.024E-04
         766
                                                               6.574E-05
                                                                                                                                        9.012E-04
8.705E-04
                                                                                1.881E-04
1.881E-04
                                                                                                   1.117E-04
1.120E-04
         767
                          2.669E-04
                                                              6.881E-05
                                                                                                                     6.450E-05
                                                              6.855E-05
6.446E-05
                                                                                                                     6.423E-05
                                                                                                                                                          2.039E-04
                         2.681E-04
2.551E-04
         768
                                                                                 1.783E-04
                                                                                                    1.065E-04
                                                                                                                      6.037E-05
                                                                                                                                        7.824E-04
                                                                                                                                                          1.948E-04
         769
                          2.380E-04
                                            2.198E-03
                                                              6.002E-05
                                                                                1.663E-04
                                                                                                   9 936E-05
                                                                                                                     5.620E-05
                                                                                                                                        7.232E-04
                                                                                                                                                          1.818E-04
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                       11/07/95
                                                                                                                                                                      09:51:16
                                                                                                                                                                                         Page -
                                                              5.995E-05
                                                                                 1.646E-04
                                                                                                                      5.620E-05
                          2.329E-04
                                                              3.897E-05
3.170E-05
2.647E-05
2.230E-05
                                                                                1.091E-04
8.900E-05
7.484E-05
                                                                                                                     3.645E-05
2.964E-05
2.473E-05
                                                                                                   6.560E-05
5.364E-05
                                                                                                                                       4.297E-04
3.398E-04
                                                                                                                                                          1.213E-04
9.949E-05
                          1.578E-04
                                            1.378E-03
                                            1.086E-03
         773
                          1.291E-04
                                                                                                                                       2.679E-04
2.185E-04
                          1.091E-04
9.253E-05
                                            8,653E-04
                                                                                                   4.526E-05
                                                                                                                                                          8.439E-05
         774
                                                                                                                     2.083E-05
1.762E-05
1.497E-05
                                            7.025E-04
                                                                                 6.329E-05
                                                                                                   3.835E-05
3.246E-05
                                                                                                                                                          7.170E-05
                                                                                                                                       1.847E-04
1.542E-04
                                                                                 5.356E-05
4.558E-05
                                                                                                                                                          6.067E-05
                                            5.707E-04
4.714E-04
         776
777
                          7.829E-05
                                                              1.887E-05
1.602E-05
                          6.672E-05
                                                                                                   2.765E-05
                                                                                                                                                           5.175E-05
                                                                                                   2.414E-05
2.117E-05
                                                                                                                                        1.317E-04
1.192E-04
                                                                                                                                                          4.526E-05
3.960E-05
                          5.828E-05
                                            4.218E-04
                                                               1.395E-05
                                                                                 3.976E-05
                                                                                                                      1.302E-05
                                                                                                                     1.148E-05
         779
                          5.107E-05
4.545E-05
                                            4.026E-04
3.820E-04
                                                              1.229E-05
                                                                                 3.492E-05
3.116E-05
                                                              1.101E-05
1.007E-05
                                                                                                   1.885E-05
                                                                                                                      1.029E-05
                                                                                                                                                          3,516E-05
                                                                                                                                        1.108E-04
         780
                          4.133E-05
                                                                                                                     9.413E-06
                                            3.519E-04
                                                                                 2.841E-05
                                                                                                    1.716E-05
                                                                                                                                        1.042E-04
                                                                                                                                                          3,192E-05
         781
                                                                                                                                        9.649E-05
9.178E-05
                         3.774E-05
3.505E-05
3.701E-05
                                            3,192E-04
2,904E-04
2,706E-04
                                                                                                                     0.616E-06
                                                                                                                                                          2.912E-05
                                                              9.217E 06
8.597E-06
         782
                                                                                 2.596E 05
                                                                                                   1.567E 05
                                                                                 2.416E-05
                                                                                                   1.456E-05
                                                                                                                      8,038E-06
                                                                                                                                                          2,701E-05
         783
                                                              9.332E-06
7.461E-06
1.083E-05
                                                                                                                                                          2.828E-05
2.341E-05
                                                                                 2.588E-05
2.095E-05
                                                                                                                     8.738E-06
6.976E-06
                                                                                                                                        1.123E-04
8.004E-05
                                                                                                    1.546E-05
```

2.886E-05

1.262E-05 1.683E-05

1.018E-05

1.684E-04

785

3.039E-05 3.982E-05

2.440E-04 1.799E-04

```
1.076E-05
1.070E-05
1.200E-05
1.336E-05
                 3.988E-05
                                    2.034E-04
2.265E-04
2.497E-04
2.786E-04
                                                                           2.882E-05
                                                                                                                1.011E-05
                                                                                                                                      1.635E-04
                                                                                                                                                        2.978E-05
                                                                                             1.685E-05
787
                 3.968E-05
4.459E-05
5.042E-05
                                                      1.070E-05
1.200E-05
1.336E-05
1.781E-05
2.431E-05
3.299E-05
                                                                            2.866E-05
                                                                                               1.676E-05
                                                                                                                   1.005E-05
                                                                                                                                      1.625E-04
1.811E-04
                                                                                                                                                          2.962E-05
788
                                                                                                                  1.127E-05
1.254E-05
                                                                                                                                                          3.332E-05
789
                                                                            3.217E-05
3.618E-05
                                                                                               1.883E-05
2.127E-05
                                                                                                                                                          3.788E-05
790
                                                                                                                                      2.518E-04
3.578E-04
                  6.755E-05
                                    3.119E-04
                                                                            4.816E-05
                                                                                               2.838E-05
                                                                                                                   1.671E-05
                                                                                                                                                          5.084E-05
791
                 9.106E-05
1.252E-04
1.768E-04
                                                                                                                   2.283E-05
                                    4.388E-04
6.537E-04
                                                                                                                                                          6.823E-05
792
                                                                            6.534E-05
8.924E-05
                                                                                               3.834E-05
                                                                                               5.259E-05
7.421E-05
                                                                                                                   3.096E-05
                                                                                                                                                          9.425E-05
793
                                                        4.671E-05
5.545E-05
                                                                                                                                      6.652E-04
7.764E-04
7.444E-04
7.014E-04
                                                                                                                                                          1.330E-04
                                    1.087E-03
                                                                            1.260E-04
1.500E-04
                                                                                                                   4.384E-05
5.203E-05
794
                 2.110E-04
2.199E-04
2.178E-04
2.102E-04
2.000E-04
                                    1.642E-03
2.024E-03
2.207E-03
2.014E-03
                                                                                               8.851E-05
                                                                                                                                                          1.590E-04
795
                                                                                                                                                        1.590E-04
1.667E-04
1.657E-04
796
                                                       5.672E-05
                                                                            1.550E-04
                                                                                               9.200E-05
                                                                                                                   5.317E-05
                                                        5.559E-05
5.343E-05
                                                                                               9.097E-05
8.774E-05
                                                                                                                   5.209E-05
5.005E-05
797
                                                                            1.528E-04
                                                                                                                                                          1.601E-04
                                                                            1.472E-04
                                                                                                                                      6.642E-04
798
                                                                                                                                                        1.528E-04
                                    1.763E-03
                                                       5.045E-05
                                                                            1.397E-04
                                                                                               8.347E-05
                                                                                                                   4.724E-05
                                                                                                                                      6.076E-04
799
                                                                                                                  4.187E-05
3.476E-05
2.859E-05
2.392E-05
2.072E-05
                 1.779E-04
1.486E-04
1.228E-04
                                                        4.473E-05
3.714E-05
3.055E-05
                                    1.425E-03
1.206E-03
                                                                            1.241E-04
                                                                                               7.422E-05
6.191E-05
                                                                                                                                      5.315E-04
4.308E-04
                                                                                                                                                          1.361E-04
800
                                                                            1.033E-04
8.515E-05
                                                                                                                                                          1.139E-04
801
802
                                    1.026E-03
                                                                                               5.111E-05
                                                                                                                                      3.478E-04
                                                                                                                                                          9.421E-05
                                                        2.557E-05
2.216E-05
1.883E-05
1.618E-05
1.403E-05
1.250E-05
                                                                                                                                      2.786E-04
2.336E-04
1.882E-04
                                    8.464E-04
6.985E-04
5.914E-04
                                                                            7.167E-05
6.237E-05
                                                                                               4.315E-05
3.763E-05
803
                  1.038E-04
                                                                                                                                                          7.990E-05
                 9.061E-05
7.782E-05
                                                                                                                                                          6.989E-05
804
                                                                            5.332E-05
                                                                                               3.227E-05
                                                                                                                   1.759E-05
                                                                                                                                                          6.023E-05
805
                 6.711E-05
5.803E-05
5.180E-05
4.589E-05
4.099E-05
                                                                            4.592E-05
3.975E-05
3.546E-05
                                                                                               2.782E-05
2.407E-05
                                                                                                                   1.512E-05
                                                                                                                                      1.591E-04
                                                                                                                                                          5.199E-05
806
                                    5.089E-04
                                    4.308E-04
3.537E-04
                                                                                                                   1.311E-05
                                                                                                                                                          4.492E-05
                                                                                                                                       1.398E-04
807
                                                                                                                                      1.235E-04
1.074E-04
9.737E-05
                                                                                               2.148E-05
                                                                                                                   1.168E-05
                                                                                                                                                          4.011E-05
808
                                                                                               1.902E-05
                                     3.058E-04
2.923E-04
                                                        1.104E-05
9.889E-06
                                                                            3.138E-05
2.806E-05
                                                                                                                   1.032E-05
                                                                                                                                                          3.557E-05
809
                                                                                                1.700E-05
                                                                                                                   9.238E-06
810
                                                                                                                                      9.178E-05
8.724E-05
8.285E-05
                  3.750E-05
                                     2.916E-04
                                                         9.092E-06
                                                                            2.572E-05
                                                                                                1.556E-05
                                                                                                                   8.496E-06
                                                                                                                                                          2.901E-05
2.669E-05
811
                 3.456E-05
3.182E-05
                                                        8.423E-06
7.797E-06
                                                                            2.376E-05
2.192E-05
                                     2.841E-04
2.667E-04
                                                                                               1.435E-05
1.322E-05
                                                                                                                   7.873E-06
                                                                                                                   7.289E-06
813
                                                         7.194E-06
                  2.924E-05
                                                                            2.018E-05
                                                                                               1.215E-05
                                                                                                                   6.728E-06
                                                                                                                                       7.789E-05
                                                                                                                                                          2.252E-05
```

RECEPTOR # 69 HAS HIGHEST CHRONIC HAZARD INDEX OF 2.975E-02

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET. TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OHT 0utput File: g:\ace\GQ91\GQTPACE.OHT 11/07/95 09:51:16 Page - 244

*** CHRONIC HAZARD INDEX BY POLLUTANT FOR PEAK RECEPTOR # 69 ***

POLLUTANT	ORAL DOSE (mg/kg-d)	BACKGR (ug/m3)	AEL (ug/m3)	CV	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN
ACETA ACROL As BENZE Be Cd Cr Cu HCHO HCN Pb Mn Hg Ni NAPTH Se TOL XYLEN Zn	0.000E+00 0.000E+00 1.000E-03 0.000E+00 5.000E-03 1.000E+00 0.000E+00 0.000E+00 0.000E+00 3.000E+00 4.300E-04 0.000E+00 3.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	9.000E+00 2.000E-02 5.000E-01 7.100E+01 4.800E-03 3.500E+00 2.000E-03 2.400E+00 7.000E+01 1.500E+01 4.000E-01 2.400E-01 1.400E-01 5.000E+02 3.600E+02 3.500E+02	0.000E+00 0.000E+00 9.078E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 9.078E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.857E-02 2.7233E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 3.829E-05 4.944E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 U.UUUE+UU 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 3.162E-04 0.000E+00 2.364E-03 1.888E-06 4.936E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 9.078E-04 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
			SUM =	1.180E-03	2.975E-02	2.911E-04	8.238E-04	4.944E-04	2.723E-04	3.195E-03	9.078E-04

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 245

*** CHRONIC HAZARD INDEX BY SOURCE FOR PEAK RECEPTOR # 69 ***

POLLUTANT ACETA ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 9.000E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00

			CV	CNS	IMM UN	KIDN	LIVER	REPRO	RESP	SKIN
SOURCE	#	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE	#	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE		4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE		5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE		6	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE		7	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TRCE		8	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RCE	#	9	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
URCE	#	10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE	#	11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE	#	12	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE		13	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOURCE	#	14	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

```
0.000E+00
                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                          0.000E+00
0.000E+00
SOURCE
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                         0.000E+00
                                                         0.000E+00
SOURCE
             16
                          0.000E+00
                                         0.000E+00
                                                         0 000E±00
SOURCE
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
             18
19
  MIRCE #
                          n none+oo
                                                                                       0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                          0 000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
   RCE
                                                                                                                                     0.000E+00
   RCE
              20
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                         0.000E+00
SOURCE #
             21
                          0.000E+00
                                                                                                                     0.000E+00
0.000E+00
SOURCE
              22
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
             23
24
                                                         0.00000+00
                                                                        0.000E+00
SOURCE
                          0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                                         0.000E+00
                          0.000E+00
SOURCE #
                                                                        0.000E+00
0.000E+00
                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
              25
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                      0.000E+00
SOURCE #
                                                                                       0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
                                                                                                       0,000E+00
SOURCE #
              26
                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                          0.000E+00
                                                         0.000E+00
SOURCE #
              2.7
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
              28
                          0.000E+00
                                         0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                        0.000E+00
                                                                                                                                     0.000E+00
                                                         0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                         0.000E+00
0.000E+00
SOURCE #
              29
                          0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
              āй
SOURCE #
                                                                                                      0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                          0.000E+00
                                          0,000E+00
              31
SOURCE #
                                         0.000E+00
                                                                                                                                     0.000E+00
SOURCE
              32
                          0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
SOURCE #
              33
                                                                                                                      0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
SOURCE #
                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
SOURCE #
SOURCE #
                                                         0.000E+00
             35
                          0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
              36
                                                                                                                      D.000E+00
                                                                        B 000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                      0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                        0.000E+00
                                                         0.000E+00
SOURCE
             38
                          0.000E+00
                                                                                                      * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 246
GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTFACE.OUT Output File: g:\ace\GQ91\GQTFACE.OUT
Input File: g:\ace\GQ91\GQTFACE.DAT
                                                                                                                                                         Page -
                                          0.000E+00
                                                                                                       D.000E+00
                                                                                                                      0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                           0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                         0.000E+00
                                                                                                                                     0.000E+00
SOURCE #
              40
                          0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                                                       0.000E+00
              41
                                                                                                       D.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.00000
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
SOURCE #
              43
                          0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
              44
                                                                                                       Q.000E+00
SOURCE #
                                         0.000E+00
0.000E+00
              45
                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
              46
                          0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                       0.000E+00
SOURCE #
              48
                          0.000E+00
0.000E+00
                                                                        0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
SOURCE #
              50
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0 000E±00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
SOURCE #
              51
52
                          0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
SOURCE #
              53
                          0.000E+D0
                                         0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E±00
                                                                                                       0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                         0.000E+00
SOURCE #
              54
55
                          0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                     0,000E+00
0,000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
SOURCE #
                                          0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
SOURCE #
              56
                          0.000E+00
                                                         D.000E+00
                                                                                       0.000E+00
                                                         0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
  URCE #
SOURCE
              57
                          0.000E+00
                                                                                                                      0.000E+00
              56
                          0.000E+00
                                          0,000E+00
                                                         0,000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                                     0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
JURCE #
SOURCE #
                                          0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                                                       0.000E+00
              59
                          0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                        0.000E+00
              60
                          0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                      0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              61
                                                                                                                      0.000E+00
0.000E+00
                                                                                                       0.000E+00
SOURCE #
              62
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                        0.000E+00
                                                                                        0,000E+00
                                                                                                       0.000E+00
                                          0.000E+00
0.000E+00
                                                         0.000E+00
SOURCE #
              63
                          0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
              64
65
66
67
                                                                                                                                      0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
0.000E+00
                           0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
SOURCE #
                                          0.000E+00
0.000E+00
                                                         0.000E+00
                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.00DE+00
                          0.000E+00
                                                                                                                                      0.000E+00
              68
                          0.000E+00
                                          0,000E+00
                                                         0.000E+00
                                                                        G. 000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                       0.000E+00
                                                                                                       0 000E+00
                                                                                                                      0.0000+00
                                                                                                                                     0.000E+00
                SUM =
                        0.000E+00
                                          0.000E+00
                           ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E-02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT ACROL
                                                                                                            REPRO
                                                                                                                            RESP
                                                              TMMUN
                                                                              KIDN
                                                 CNS
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0:000E+00
SOURCE #
               1
                          0.000E+00
                                          0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
               2
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
                                                                        0.000E+00
0.000E+00
SOURCE #
                                          0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                          0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
               5
                          0.000E+00
                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
SOURCE #
               6
SOURCE #
SOURCE #
                                                                                                       0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                                                        0.000E+00
                                                                                        0.000E+00
                          0.000E+00
               8
                                          0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0,000E+00
                                                                                                                      0,000E+00
                                                                                                                                      0.000E+00
SOURCE #
             10
11
12
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      O.DODE+DD
SOURCE #
                                                                                                                                      0.000E+00
SOURCE #
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                        ALL RECEPTORS, 1991 MET,
                                                                                                       * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 247
                                                                                        TSP
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT -
                                                          Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTFACE.DAT
                                                                                                                                      0.000F+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0,000E+00
                          0.000E+00
SOURCE #
                                                                                                                                     0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                                      0.000E+00
0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
              16
17
                          0.000E+00
                                          0.000E+00
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
SOURCE #
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
              18
                           0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                                                      0.000E+00
                                                                                                                      0.000E+00
              19
                          0,000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                          0.000E+00
                                          0.000E+00
0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                      0.000E+00
              20
                                                                                                                                      0.000L+00
   JRCE #
              21
                           0.000E+00
                                                         0.000E+00
                                                                        0.000E+00
                                                                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                        D.000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
              22
23
                                          0.000E:00
0.000E+00
                          0.000E+00
                                                         0.000E100
                          D.000E+00
                                                         0,000E+00
                                                                        0,000E+00
                                                                                        0.000E+00
                                                                                                       0.000E+00
                                                                                                                      0.000E+00
                                                                                                                                      0.000E+00
                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                      0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
              24
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
                                                                        0 000E±00
                                                                        0.000E+00
              25
                          0.000E+00
                                          0.000E+00
                                                         0.000E+00
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
             28
29
                           0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
SOURCE #
                                                                                                                         0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                         0.000E+0D
SOURCE #
                                                                                                                                         0.000E+00
                                                                                                         0.000E+00
   TRCE #
              30
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                                          0.000E+00
                                                                                         0,000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
   RCE #
              31
                                          0.000E+00
0.000E+00
                                                          0.000E+00
                           0 000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                           0.000E+00
                                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
                           0.000E+00
                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
SOURCE
                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              34
                           0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
              35
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
SOURCE #
                                          0.000E+00
0.000E+00
0.000E+00
                           0.000E+00
                                                          0.000E+00
0.000E+00
                                                                          0-000E+00
                                                                                         0.000E+00
SOURCE #
                                                                                                                                         0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                          Q.000E+00
                           0.000E+00
SOURCE #
              37
                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
SOURCE #
              38
                                                                                                         0,000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                           0.000E+00
0.000E+00
0.000E+00
                                                          0.000E+00
                                                                                         0.000E+00
                                                                          0.000E+00
                                          0.000E+00
SOURCE #
              39
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                                         D.000E+00
              40
41
SOURCE #
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                                          0.000E+00
                                                                                          0,000E+00
                                                                                                                                         0.000E+00
SOURCE #
              42
                           0 000E+00
                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                           0,000E+00
SOURCE #
              43
                                                                                                                         0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                           0.000E+00
                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E±00
SOURCE #
                                                                          0.000E+00
                                                                                                                                         0.000E+00
                                                                                         0.000E+00
                                          0.000E+00
SOURCE #
              45
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                           0.000E+00
SOURCE #
              46
47
                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                          0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
                           0.000E+00
                                                                                         0.000E+00
SOURCE #
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              48
                           0.000E+00
                           0.000E+00
0.000E+00
                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              49
50
                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
0.000E+00
SOURCE #
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                           0.000E+00
0.000E+00
                                          0.000E+00
              51
SOURCE #
                                                                                                         0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              52
                                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
SOURCE #
                           0.000E+00
                                           0.000E+00
                                                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0,000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                          0.000E+00
SOURCE #
              54
                           0.000E+00
                           0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              55
                                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
              56
57
                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.00DE+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                           0.000E+00
0.000E+00
SOURCE
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
              58
                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.D00E+00
SOURCE #
                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                                                                          0.000E+00
              59
                           0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                          0.000E+00
SOURCE #
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              60
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                           0.000E+00
SOURCE #
              61
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
SOURCE #
              62
                           0.000E+00
                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                           0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
              63
                                                                                                                         0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0,000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                                         0.000E+00
                           0 000E+00
                                           0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                 11/07/95
                                                                                                                                               09:51:16
                                                                                                                                                             Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
              66
                           0.000E+00
SOURCE #
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                         0.000E+00
                           0.000E+00
              68
                                                                                                                                         0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                SIIM =
                          0.000E+00
                                           0.000E+00
                            ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 5.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 1.000E-03
    POLLUTANT As
                                                                                                                                RESP
                                                                                                                                               SKIN
                                                               IMMUN
                                                                                KIDN
                                                                                               LIVER
                                                                                                              REPRO
                                    CV
                                                  CNS
                                                                                                                         5.023E-08
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
SOURCE #
                           1.442E-07
                                           1.442E-07
                                                          0.000E+00
                                                                                                                                         2.638E-07
7.284E-07
1.252E-06
                                                          0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                         9.188E-08
                                           2.638E-07
7.284E-07
SOURCE #
               2
                           2.638E-07
7.284E-07
                                                                                                                         2.537E-07
4.362E-07
9.277E-07
9.743E-07
1.294E-06
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
SOURCE #
                                                                                                         0.000E+00
                           1.252E-06
                                           1.252E-06
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
SOURCE #
                                          2.663E-06
2.797E-06
3.715E-06
2.374E-07
5.070E-06
                                                                          0.000E+00
                                                                                                                                         2.663E-06
                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                           2.663E-06
SOURCE #
                          2.663E-06
2.797E-06
3.715E-06
2.374E-07
5.070E-06
5.485E-06
5.432E-07
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         2.797E-06
3.715E-06
               6
7
SOURCE #
                                                                                                          0.000E+00
SOURCE #
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         8.270E-08
                                                                                                                                         2,374E-07
                                                          0.000E+00
                                                                                          0.000E+00
SOURCE #
               8
                                                                                                                                         5.070E-06
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         1.766E-06
SOURCE #
                                                                                                                         1.911E-06
                                                                                                                                         5,485E-06
              10
                                           5.485E-06
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
SOURCE #
                                                                                                                         1.892E-07
                                                                                                                                          5.432E-07
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
SOURCE #
                                           5.432E-07
5.213E-05
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         1.816E-05
                                                                                                                                         5.213E-05
                           5.213E-05
2.412E-05
                                                           0.000E+00
SOURCE #
              12
13
                                                                                                                         8.401E-06
                                                                                                                                         2.412E-05
                                           2.412E-05
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
SOURCE #
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         1.030E-06
                                                                                                                                         2,958E-06
                                          2.958E-06
5.254E-06
                                                          0.000E+00
0.000E+00
                                                                          0.000E+00
                           2.958E-06
SOURCE #
                                                                                                                         1.830E-06
1.216E-05
5.741E-06
1.055E-06
                           5.254E-06
3.490E-05
1.648E-05
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         5.254E-06
3.490E-05
SOURCE #
              15
                                           3.490E-05
                                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E±00
                                                                                                          0.000E+00
              16
17
SOURCE #
                                                                                                                                         1.648E-05
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                           1.648E-05
3.029E-06
6.768E-07
SOURCE #
                                                           0.000E+00
                                                                                                                                         3.029E-06
6.768E-07
1.230E-06
3.395E-06
5.740E-06
                          3.029E-06
6.768E-07
1.230E-06
3.395E-06
5.740E-06
1.194E-05
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                           0.000E+00
SOURCE #
              18
19
                                                                                                          0.000E+00
0.000E+00
                                                                                                                         2.357E-07
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                                                                                         4.285E-07
                                           1.230E-06
                                                                                          0.000E+00
                                                                          0.000E+00
SOURCE #
              20
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         1.183E-06
                                                           0,000E+00
SOURCE #
              21
                                           3.395E-06
                                           5.740E-06
1.194E-05
                                                                                                                         1.999E-06
4.158E-06
3.960E-06
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                           0.000E+00
SOURCE #
              22
23
                                                                                                                                         1.194E-05
                                                                          0.000E+00
                                                                                                          0.000E+00
                                                           0.000E+00
                                                                                          0.000E+00
SOURCE #
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         1.137E-05
                                           1.137E-05
1.398E-05
              24
25
                                                           0.000E+00
                           1.137E-05
SOURCE #
                           1.398E-05
1.113E-06
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         4.868E-06
3.877E-07
                                                                                                                                         1.398E-05
1.113E-06
SOURCE #
              26
                                           1.113E-06
                                                           0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                          0.000E+00
SOURCE #
                                                                                                                         8.291E-06
8.588E-06
8.699E-07
                                                                                                          0.000E+00
                                                                                                                                         2.380E-05
                           2.380E-05
2.466E-05
2.497E-06
                                           2.380E-05
2.466E-05
2.497E-06
                                                           0.000E+00
SOURCE #
              27
                                                                                                                                         2.466E-05
2.497E-06
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
SOURCE #
              28
                                                                                                          0.000E+00
                                                                                          0.000E+00
                                                           0.000E+00
                                                                          0.000E+00
                                                                                                                         1.110E-06
2.030E-06
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         3.187E-06
                           3.187E-06
5.828E-06
                                           3.187E-06
5.828E-06
SOURCE #
              30
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                         5.828E-06
SOURCE #
              31
                                                                                                                          5.606E-06
                                                                                                          0.000E+00
                                                                                                                                          1.609E-05
                                           1,609E-05
2,767E-05
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
SOURCE #
              32
                           1.609E-05
                                                           0.000E+00
                                                           0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                         9.638E-06
                                                                                                                                         2.767E-05
SOURCE #
              33
                           2.767E-05
                                                                                                                         2.050E-05
2.153E-05
                           5.885E-05
                                           5.885E-05
                                                           0.000E+00
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                                          5.885E-05
              34
35
SOURCE #
                                                                                                                                         6.180E-05
                                                                                                          0.000E+00
                           6.180E-05
                                           6.180E-05
                                                           0.000E+00
0.000E+00
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
SOURCE
                                                                                                          0.000E+00
                                                                                                                          2.859E-05
                                                                                                                                          8.208E-05
                                                                                          0.000E+00
  URCE
              36
                           8 208E-05
                                           8.208E-05
                           5.246E-06
1.121E-04
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          1.827E-06
                                                                                                                                         5,246E-06
                                           5.246E-06
                                                           0.000E+00
  URCE #
              37
                                                                                                                         3.904E-05
4.221E-05
                                                                                                                                         1.121E-04
1.212E-04
                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                          0.000E+00
0.000E+00
              38
                                           1.121E-04
                                                           0.000E+00
                                                           0.000E+00
SOURCE
              39
                           1.212E-04
                                           1.212E-04
                                                                          0.000E+00
                                                                                          0.000E+00
                                                                                                          0.000E+00
                                                                                                                          4.181E-06
                                                                                                                                         1.200E-05
                           1.200E-05
                                           1.200E-05
                                                           0.000E+00
SOURCE #
              40
                                                                                                          * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
```

0.000E+00

0.000E+00

SOURCE #

0.000E+00

0.000E+00

0.000E+00

0.000E+00

Input File	e: g:\ace\G	Q91\GQTPACE.	DAT	Output Fil	Le: g:\ace\GQ	91\GQTPACE.O	DUT	11/07,	/95 09:51:1	6 Page - 249
SOURCE #	41 42 43 44 45 46 47 48 49 50 51 53 54 55	6.577E-06 4.499E-06 6.216E-06 7.049E-06 1.781E-06 2.284E-06 1.082E-05 2.436E-06 1.202E-06 1.541E-06 3.296E-06 1.541E-06 1.767E-05 4.465E-06 5.725E-06 1.225E-05 6.109E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00	6.577E-06 4.499E-06 6.216E-06 7.049E-06 1.781E-06 2.284E-06 4.884E-06 1.082E-05 2.436E-06 4.756E-06 1.202E-06 1.541E-06 3.296E-06 7.300E-06 1.767E-05 4.465E-06 1.225E-05 2.712E-05 6.109E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00	0.000E+00 0.000E+00		6.577E-06 4.499E-06 6.216E-06 1.781E-06 2.284E-06 4.884E-06 4.756E-06 4.756E-06 4.756E-06 1.202E-06 1.541E-06 3.296E-06 1.542E-05 4.465E-06 1.767E-05 4.465E-06 1.225E-05 2.712E-05 6.109E-06 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
POLLU	TANT BENZE	ACCEPTABLE	EXPOSURE LI	EVEL (ug/m3)	= 7.100E+01	BACKG. (ug/n	n3) = 0.000E+	00 ORAL DOSE	(mg/kg-d) =	0.000E+00
		CA	CNS	IMMUN	KIDN	LIVER	REPRO	RESP	SKIN	
SOURCE # SOURCE # SOURCE # SOURCE # SOURCE # SOURCE # FOURCE # FOURCE # SOURCE # SOURCE # SOURCE # SOURCE # SOURCE #	2 3 4 5	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00	
		- SOLEDAD MI Q91\GQTPACE.	N PROJECT - DAT	ALL RECEPTO Output Fi	RS, 1991 MET le: g:\ace\G	, TSP Q91\GQTPACE.0	* OUTPUT OF	AMI/SBCAPCD	ACE2588 MODE /95 09:51:1	L VERS. 93288 * .6 Page - 250
SOURCE #		0.000E+00	0.000E+00		0.000E+00		0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00 0.000E+00 0.000E+00 0.000E+00	0.000E+00	

```
0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                         0.000E+00
                                        0.000E+00
0.000E+00
                                                      0.000E+00
SOURCE #
                                                                                                   0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                       0.000E+00
                                                                     0.000E+00
                                                                                    0.000E+00
SOURCE #
                         0 000E+00
                                                                                    0 000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                     0.000E+00
                         0.000E+00
SOURCE #
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                       0.000E+00
   RCE #
                         0.000E+00
                                        0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
    RCE #
             59
                         0 000E+00
                                                                                                                                0,000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                    0 - 000E+00
                                                                                                   0.000E+00
                         0.000E+00
   JRCE #
             60
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                    0.000E+00
                         0.000E+00
                                        0.000E+00
0.000E+00
                                                       0.000E+00
SOURCE
                                                                      0.000E+00
                                                                                                                                0.000E+00
                                                       0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
             62
63
                         0.000E+00
SOURCE #
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                    0.000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                         0.000E+00
SOURCE #
                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                    0.000E+00
                                        0.000E+00
0.000E+00
SOURCE
                         0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
SOURCE #
             6.5
                         0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                         0.000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
             66
                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                    0.000E+00
                                                       0-000E+00
                         0.000E+00
                                        0 000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Output File: g:\ace\GO91\GOTPACE.OUT
                                                                                                   * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 * T 11/07/95 09:51:16 Page - 251
                                                                                                                                                   Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                                                                   0.000E+00
                                                                                    0.000E+00
                         0.000E+00
                                        0.000E+00
                                                      0.000E+00
                                                                      0.000E+00
SOURCE #
                                                                                                                  0.000E+00
                                                                                                                                0.000E+00
                                                      0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                SUM = 0.000E+00
                                     0.000E+00
                           ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 4.800E-03 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 5.000E-03
    POLLUTANT Be
                                                                                                        REPRO
                                                                                                                        RESP
                                                            IMMUN
                                                                           KIDN
                                                                                         LIVER
                                                                                                                                0.000E+00
                                                                                                                  8.494E-07
                                                       0.000E+00
                                                                      0.000E+00
                                                                                    0.000E+00
                                                                                                   0.000E+00
                         0.000E+00
                                        0.000E+00
SOURCE #
                                                                                                                  1.554E-06
4.290E-06
7.375E-06
                                                                                                                                0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                    0.000E+00
0.000E+00
                                                                                                   0.000E+00
0.000E+00
                         0.000E+00
                                        0.000E+00
SOURCE #
                                                                                                                                0.000E+00
                          0.000E+00
                                        0.000E+00
                                                       0.000E+00
0.000E+00
SOURCE #
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
                         0.000E+00
0.000E+00
                                        0.000E+00
               4
SOURCE #
                                                                                                                  1.569E-05
                                                                                                                                 0.000E+00
                                                                                                   0.000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
SOURCE #
                                                                                                                  1.648E-05
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                          0.000E+00
                                        0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                                                                      0.000E+00
SOURCE #
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                  2.188E-05
                                                                                                                                 0.000E+00
                         0.000E+00
0.000E+00
SOURCE #
                                                                                                                  1.398E-06
2.987E-05
                                                                                                                                 0.000E+00
                                                                      0.000E+00
0.000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                                     0.000E+00
SOURCE #
               8
                                                                                     0.000E+00
                                                                                                                                 0.000E+00
                                                       0.000E+00
SOURCE #
                         0.000E+00
                                        0.000E+00
                                                                                                   0.000E+00
0.000E+00
                                                                                                                                0.000E+00
                                        0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                                  3.230E-05
                         0.000E+00
0.000E+00
SOURCE #
              10
                                                                                                                  3.200E-06
                                                                                                                                 0.000E+00
                                                       0.000E+00
0.000E+00
                                        0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
SOURCE
              11
                                                                                                                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  3.059E-04
                         0.000E+00
                                        0.000E+00
SOURCE #
                                                                                                                  1.416E-04
1.736E-05
                                        0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                         0.000E+00
0.000E+00
SOURCE #
              13
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                       0.000E+00
0.000E+00
                                         0.000E+00
                                                                      0.000E+00
              14
SOURCE #
                                                                                                                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  3.084E-05
                         0.000E+00
0.000E+00
0.000E+00
                                        0 000E+00
SOURCE #
                                                                                                                  2.048E-04
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
SOURCE #
             16
17
                                                                                                                  9.666E-05
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
SOURCE #
                                                                                                                  1.778E-05
3.987E-06
7.244E-06
                                                                      0.000E+00
                                                                                                   0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                     0.000E+00
                         0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
SOURCE #
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
             19
20
SOURCE
                                                                                                                                 0.000E+00
                                                                                                   0.000E+00
                                                       0.000E+00
0.000E+00
                                                                                     0.000E+00
  URCE #
                                         0.000E+00
                                                                      0.000E+00
                                                                                                                                0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
                                                                                                                  2.000E-05
                         0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
   RCE
                                                                                                   0.000E+00
0.000E+00
                                                                                                                  3.381E-05
7.031E-05
                                                       0.000E+00
                                                                      0.000E100
                                                                                     0.000E+00
                                         0.000E+00
   RCE #
             22
23
                                                                                                                                 0.000E+00
                                                       0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
                                         0.000E+00
SOURCE #
                                                                                                                  6.695E-05
8.230E-05
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
             24
25
                          0.000E+00
                                         0.000E+00
                                                                                                                                 0.000E+00
                          0.000E+00
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                   0.000E+00
SOURCE #
                                                                                                                  6.555E-06
1.402E-04
1.452E-04
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
                          0.000E+00
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
SOURCE #
              26
                                                                                                                                 0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                          0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                       0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                                    0.000E+00
              28
29
                         0.000E+00
0.000E+00
SOURCE
                                                                                                    0.000E+00
                                                                                                                  1.471E-05
                                                                                                                                 0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
SOURCE #
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  4.239E-07
7.754E-07
                                                                                                                                 0.000E+00
                                                       0.000E+00
SOURCE #
              30
                          0.000E+00
                                         0.000E+00
                                                                                                                                 0.000E+00
                                         0.000E+00
                          0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                       0.000E+00
              31
32
SOURCE #
                                                                                                    0.000E+00
                                                                                                                  2.141E-06
                                                                                                                                 0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
                                         0.000E+00
                                                       0.000E+00
SOURCE #
                                                                                                                  3.680E-06
7.827E-06
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                       0.000E+00
SOURCE #
                          0.000E+00
                                         0.000E+00
                                                                                                                                 0.000E+00
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
              34
                          0.000E+00
0.000E+00
SOURCE #
                                                                                                                  8.222E-06
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
SOURCE #
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  1.092E-05
6.979E-07
                                                                                                                                 0.000E+00
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                       0.000E+00
SOURCE #
              36
                                                                                                                                 0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                        0.000E+00
SOURCE #
              37
                          0.000E+00
                                                                                                    0.000E+00
                                                                                                                   1.490E-05
                                                                                                                                 0.000E+00
                                                                      0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                                     0.000E+00
SOURCE #
              38
                                                                                                                  1.612E-05
1.597E-06
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                       0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                      0.000E+00
                                         0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
SOURCE #
              40
                                                                                                                   2.814E-04
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                                                                                     0 000E+00
              41
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                                     0 000E+00
                                         0.000E+00
                                                       0.000E+00
                                                                      0.000E+00
                          0.000E+00
SOURCE #
              42
                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                         Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                          11/07/95
                                                                                                                                       09:51:16
                                                                                                                                                    Page -
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                      0.000E+00
                                                                                                    0.000E+00
                                                                                                                   2.657E-04
                                                                                                                                 0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                                     0.000E \pm 0.0
                          0.000E+00
SOURCE
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                    0.000E+00
                                                                                                                   9.375E-07
                                                                                     0.000E+00
                                                       0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                          0.000E+00
                                         0.000E+00
              44
45
SOURCE #
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                  2.368E-07
                                         0.000E+00
SOURCE #
                          0.000E+00
                                                                                                                   3.037E-07
                                                                                                                                 0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
0.000E+00
              46
                          0.000E+00
SOURCE #
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                          0.000E+00
SOURCE #
                                                                                                                   1.439E-06
3.241E-07
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
SOURCE #
                                         0.000E+00
0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                          0.000E+00
              48
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                                                                                     0.000E+00
                          0.000E+00
              49
                                                                                                                   6.326E-07
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
SOURCE #
              50
                                                                                                                  1.598E-07
2.049E-07
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                                                      0.000E+00
              51
                          0.000E+00
                                         0.000E+00
0.000E+00
                                                        0.000E+00
                                                                                                                                 0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
 SOURCE #
              52
53
                          0 000E+00
                                                                                                                   4.384E-07
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
                          0.000E+00
 SOURCE #
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   9.709E-07
                                                                                                                                 0.000E+00
                                                                       0.000E+00
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
 SOURCE #
                                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
0.000E+00
                                                                                                                   2.186E-07
              55
56
57
                                         0.000E+00
                                                        0.000E+00
 SOURCE
                          0.000E+00
                                                                                                                   2.351E-06
5.939E-07
                                                                                                                                 0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
                          0.000E+00
 SOURCE #
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                                 0.000E+00
                                         0.000E+00
0.000E+00
 SOURCE #
                          0.000E+00
                                                        0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   7.616E-07
                                                        0.000E+00
              58
                          0.000E+00
 SOURCE
                                                                                                    0.000E+00
0.000E+00
                          0.000E+00
0.000E+00
                                                                                                                   1.629E-06
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
 SOURCE #
              59
                                                                                                                   3.607E-06
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                                         0.000E+00
                                                        U.000E+00
0.000E+00
                                                                       0.000E+00
              60
                                                                                                                   8.125E-07
0.000E+00
                                                                                                                                 0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
   URCE
              61
                          0.000E+00
                                                                                                    0.000E100
                                                                                                                                 0.000E+00
                                                        0.000E+00
                          0.000E+00
                                         0.000E+00
                                                                       0.000E+00
                                                                                     0.000E100
              62
63
 OURCE
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                        0.000E+00
0.000E+00
SOURCE
                          0.000E+00
                                         0.000E+00
                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                     0.000E+00
                                                                                                    0.000E+00
                                         0.000E+00
 SOURCE #
                          0.000E+00
0.000E+00
              64
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
                                                                                     0-000E+00
                                                                                                    0.000E+00
              65
                                                                                                    0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                 0.000E+00
                                                                                     0.000E+00
                          0.000E+00
                                         0.000E+00
                                                        0.000E+00
                                                                       0.000E+00
 SOURCE
```

```
67 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
  SOURCE # SOURCE #
                                                                                                                                                                                                                                                                                           0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                            SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.364E-03 0.000E+00
               POLLUTANT Cd
                                                                             ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.500E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 1.000E-03
                                                                                                                                     CNS
                                                                                                                                                                       IMMUN
                                                                                                                                                                                                                      KIDN
                                                                                                                                                                                                                                                         LIVER
                                                                                                                                                                                                                                                                                                       REPRO
                                                                                                                                                                                                                                                                                                                                                     RESP
SOURCE # 1 0.000E+00 0.000E+00 0.000E+00 9.561E-09 0.000E+00 0.000E+00 4.715E-10 0.000E+00 SOURCE # 2 0.000E+00 0.000E+00 0.000E+00 9.561E-09 0.000E+00 0.000E+00 1.302E-09 0.000E+00 SOURCE # 3 0.000E+00 0.000E+00 0.000E+00 4.538E-08 0.000E+00 0.000E+00 1.302E-09 0.000E+00 SOURCE # 4 0.000E+00 0.000E+00 0.000E+00 4.538E-08 0.000E+00 0.000E+00 1.302E-09 0.000E+00 SOURCE # 5 0.000E+00 0.000E+00 0.000E+00 9.651E-08 0.000E+00 0.000E+00 4.759E-09 0.000E+00 SOURCE # 6 0.000E+00 0.000E+00 0.000E+00 1.014E-07 0.000E+00 0.000E+00 4.999E-09 0.000E+00 SOURCE # 7 0.000E+00 0.000E+00 0.000E+00 1.346E-07 0.000E+00 0.000E+00 4.999E-09 0.000E+00 SOURCE # 8 0.000E+00 0.000E+00 0.000E+00 1.346E-07 0.000E+00 0.000E+00 4.999E-09 0.000E+00 SOURCE # 9 0.000E+00 0.000E+00 0.000E+00 8.606E-09 0.000E+00 0.000E+00 4.244E-10 0.000E+00 SOURCE # 10 0.000E+00 0.000E+00 0.000E+00 1.337E-07 0.000E+00 0.000E+00 4.244E-10 0.000E+00 SOURCE # 11 0.000E+00 0.000E+00 0.000E+00 1.988E-07 0.000E+00 0.000E+00 9.803E-09 0.000E+00 SOURCE # 11 0.000E+00 0.000E+00 0.000E+00 1.988E-07 0.000E+00 0.000E+00 9.803E-09 0.000E+00 SOURCE # 12 0.000E+00 0.000E+00 0.000E+00 1.969E-08 0.000E+00 0.000E+00 9.322E-08 0.000E+00 SOURCE # 13 0.000E+00 0.000E+00 0.000E+00 1.896E-07 0.000E+00 0.000E+00 9.322E-08 0.000E+00 SOURCE # 13 0.000E+00 0.000E+00 0.000E+00 1.896E-07 0.000E+00 0.000E+00 9.322E-08 0.000E+00 SOURCE # 15 0.000E+00 0.000E+00 0.000E+00 1.969E-08 0.000E+00 0.000E+00 9.391E-09 0.000E+00 SOURCE # 15 0.000E+00 0.000E+00 0.000E+00 1.900E+00 0.000E+00 0
                                                                                                            GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                                                                                            * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 253
  Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                                                                                                                                                                                                                                    Page - 253
                                                                                                                                                                                                                                                                                                                                SOURCE # # SOURCE 
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                          0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                          0.000E+00
                                      0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                            0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00

0.000E+00 0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                                                                   0.000E+00
2.616E-07
                                                                          0.000E+00
                                                                                                                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                                                                                                                                                               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                                                                                             * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                                                                                                                                                                      11/07/95 09:51:16 Page -
                                              SUM = 0.000E+00 0.000E+00 0.000E+00 3.829E-05 0.000E+00 0.000E+00 1.888E-06 0.000E+00
                                                                              ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E-03 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 5.000E-03
                                                                                                                                                                                                                                                                                                                                              RESP
                                                                                                                                                                      IMMUN
                                                                                                                                                                                                                 KIDN
                                                                                                                                                                                                                                                        LIVER
                                                                                                                                                                                                                                                                                                  REPRO
                                                                                                                                                                                                                                                                                                                                                                                                SKIN
 SOURCE #
                                         1 0.000E+00 0.000E+00 0.000E+00 8.330E-08 8.330E-08 0.000E+00 8.316E-08 0.000E+00
```

```
SOURCE #
SOURCE #
SOURCE #
RCE #
IRCE #
                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          1.521E-07
4.199E-07
7.218E-07
                                                                                     1 523E-07
                                                                                                       1.523E-07
                                                                                                                         0.000E+00
                               0.000E+00
0.000E+00
                                                0.000E+00
0.000E+00
                 2
                                                                                     4.206E-07
7.230E-07
1.538E-06
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                       4.206E-07
                                                                                                       7.230E-07
                               0.000E+00
                                                 0.000E+00
                                                                   0.000E+00
                                                                                                       1,538E-06
                                                                                                                         0.000E+00
                                                                                                                                           1.535E-06
                                                                                                                                                             0.000E+00
                                                 0.000£+00
                               0.000E+0D
                               0.000E+00
                                                 0.000E+00
                                                                   0.000E+00
                                                                                                       1.615E-06
                                                                                                                         0.000E+00
                                                                                                                                           1.612E-06
                                                                                                                                                             0.000E+00
                  6
7
                                                                                                                                          2.142E-06
1.369E-07
2.923E-06
                                                                                                                                                             0.000E+00
                                                                                                                         0.000E+00
                               0.000E+00
                                                 0.000E+00
                                                                   0.000E+00
                                                                                     2.145E-06
1.371E-07
                                                                                                       2.145E-06
                                                                   0.000E+00
                                                                                                       1.371E-07
                                                                                                                                                             0.000E+00
                                                                                                                         0.000E+00
SOURCE #
SOURCE #
                 8
                               0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                     2.928E-06
                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                       2.928E-06
                                                                                                                         0.000E+00
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                     3.167E-06
3.137E-07
                                                                                                                                          3.161E-06
3.132E-07
                                                                   0.000E+00
0.000E+00
                                                                                                       3.167E-06
3.137E-07
                                                                                                                         0.000E+00
                               0.000E+00
                10
                                                                                                                                                             0.000E+00
SOURCE #
SOURCE #
                11
12
                               0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                     3.010E-05
                                                                                                       3.010E-05
                                                                                                                                          3,005E-05
                                                 0.000E+00
0.000E+00
                                                                                     1,393E-05
1,708E-06
3.033E-06
                                                                                                                                          1.390E-05
                               0.000E+00
0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                       1.393E-05
1.708E-06
                                                                                                                         0.000E+00
                                                                                                                                          1.705E-06
                                                                                                                                                             0.000E+00
SOURCE #
                14
15
                                                                                                                                          3.028E-06
2.011E-05
9.495E-06
1.746E-06
3.900E-07
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                       3.033E-06
                                                                                     2.015E-05
9.511E-06
1.749E-06
3.907E-07
                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                       2.015E-05
9.511E-06
SOURCE #
                               0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                             0.000E+00
                17
                                                                                                       1.749E-06
3.907E-07
7.102E-07
1.961E-06
3.315E-06
                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                               0.000E+00
                                                                   0.000E+00
SOURCE #
                18
                              0.000E+00
0.000E+00
0.000E+00
                                                                   0.000E+00
SOURCE #
                                                                                                                                          7.090E-07
1.958E-06
3.309E-06
                                                                   0.000E+00
                                                                                     7.102E-07
                                                                                                                         0.000E+00
                                                                                                                                                             0.000E+00
SOURCE #
                20
                                                                                                                                                             0.000E+00
0.000E+00
                21
                                                                   0.000E+00
                                                                                     1.961E-06
3.315E-06
                                                                                                                         0.000E+00
0.000E+00
                22
23
                               0.000E+00
0.000E+00
                                                                   0.000E+00
SOURCE #
                                                                                     6.895E-06
6.563E-06
8.069E-06
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                       6.895E-06
                                                                                                                         0.000E+00
                                                                                                                                           6.883E-06
SOURCE #
SOURCE #
                                                 0.000E+00
0.000E+00
                24
25
26
                                                                                                       6.563E-06
8.069E-06
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          6.552E-06
8.055E-06
                               0.000E+00
                                                                   0.000E+00
                                                                   0.000E+00
                               0.000E+00
                                                                                                                                          6.415E-07
1.372E-05
1.421E-05
1.439E-06
                                                                                                       6.426E-07
1.375E-05
1.423E-05
                                                                                                                                                             0.000E+00
0.000E+00
                               0.000E+00
                                                 0.000E+00
                                                                   0.000E+00
                                                                                     6.426E-07
                                                                                                                         0.000E+00
SOURCE #
                27
28
29
                                                                                     1.375E-05
1.423E-05
                               0.000E+00
                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
SOURCE #
                                                                                                                                                             0.000E+00
                               0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                               0.000E+00
                                                 0.000E+00
                                                                   0.000E+00
                                                                                     1.442E-06
                                                                                                       1.442E-06
                                                                                                                         0.000E+00
                                                                                                       1.630E-06
2.982E-06
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          1.628E-06
2.977E-06
SOURCE #
                               0.000E+00
                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                     1.630E-06
2.982E-06
SOURCE #
                31
                               0.000E+00
0.000E+00
                                                                                                       8.231E-06
1.415E-05
3.010E-05
                                                 0.000E+00
                                                                   0.000E+00
                                                                                     8.231E-06
                                                                                                                         0.000E+00
                                                                                                                                           8.218E-06
                                                                                                                                                             0.000E+00
                32
SOURCE #
                                                                                                                                          1.413E-05
3.005E-05
                                                                                                                                                             0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                     1,415E-05
3,010E-05
                                                                                                                         0.000E+00
                               0.000E+00
                                                                   0.000E+00
                                                                                                                         0.000E+00
SOURCE #
                34
                               0.000E+00
0.000E+00
                                                                   0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     3.162E-05
                                                                                                       3.162E-05
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           3.157E-05
4.193E-05
2.680E-06
                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                       4.200E-05
2.684E-06
                36
                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                     4.200E-05
SOURCE #
                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                     2.684E-06
                               0.000E+00
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           5.722E-05
                                                                                                                                                             0.000E+00
0.000E+00
                38
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     5.732E-05
                                                                                                        5.732E-05
                                                                                                                                           6.189E-05
6.131E-06
6.566E-06
                                                                                     6.200E-05
6.141E-06
6.578E-06
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                       6.200E-05
                39
40
                               0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                       6.141E-06
6.578E-06
                                                                                                                                                             0.000E+00
0.000E+00
                41
                               0.000E+00
                                                                   0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           4.490E-06
                                                                                                                                                             0.000E+00
                                                                                     4 497E-06
                                                                                                       4.497E-06
                               0.000E+00
                                                 0.000E+00
                                                                   0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                         * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS, 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                    11/07/95
                                                                                                                                                                                     Page -
                                                                                                                                                                    09:51:16
                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           6.200E-06
3.600E-06
9.096E-07
                                                                    0.000E+00
                                                                                     6.210E-06
                                                                                                       6.210E-06
3.606E-06
                                                                                                                                                             0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                     3.606E-06
9.111E-07
                                                                                                                                                             0.000E+00
0.000E+00
SOURCE #
                44
45
                               0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                       9.111E-07
                                                                                                                                          1.166E-06
2.495E-06
5.525E-06
1.244E-06
                46
47
48
                                                 0.000E100
0.000E+00
                                                                                     1,168E-06
2,499E-06
5,535E-06
                                                                                                       1.168E-06
2.499E-06
                                                                                                                         D.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                               0.000E+00
                                                                    0.000E+00
  URCE #
                               0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                                       5.535E-06
                                                                                                                         D.000E+00
SOURCE #
                                                                                     1.247E-06
2.434E-06
                                                                                                       1.247E-06
                                                                                                                         0.000E+00
0.000E+00
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                                                                          2.430E-06
6.136E-07
7.868E-07
1.684E-06
                                                                                                                                                             0.000E+00
                                                                   0.000E+00
                                                                                                       2.434E-06
SOURCE #
                 50
                               0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                     6.146E-07
                                                                                                       6.146E-07
                                                                                                                         0.000E+00
SOURCE #
                51
                                                 0.000E+00
                                                                                                                         0.000E+00
0.000E+00
SOURCE #
                               0.000E+00
                                                                    0.000E+00
                                                                                     7.881E-07
                                                                                                       7.881E-07
                                                                                                       1,686E-06
3,734E-06
                                                                                     1.686E-06
                                                                                                                                                             0.000E+00
                                                                   0.000E+00
                53
54
                              0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
SOURCE #
                                                                                                                                           3.728E-06
8.397E-07
9.027E-06
                                                                    0.000E+00
                                                                                     3.734E-06
                                                                                                                         0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
SOURCE #
                                                                                     8.411E-07
9.042E-06
2.285E-06
                                                                                                       8.411E-07
9.042E-06
2.285E-06
                                                                                                                         0.000E+00
0.000E+00
SOURCE #
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                                                                                             0.000E+00
SOURCE #
                56
57
                              0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                           2.281E-06
2.925E-06
6.255E-06
                                                                    0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                       2.930E-06
6.265E-06
1.388E-05
                                                                                                                         0.000E+00
0.000E+00
SOURCE #
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     2.930E-06
                                                                                     6.265E-06
                                                 0.000E+00
0.000E+00
SOURCE #
                 59
                               0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                                                                           1.386E-05
3.121E-06
                                                                    0.000E+00
                                                                                     1.388E-05
                                                                                                                         0.000E+00
                                                                                                                                                             0.000E+00
SOURCE #
                 60
                                                                                                                                                             0.000E+00
SOURCE #
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     3.126E-06
                                                                                                       3,126E-06
                                                                                                                         0.000E+00
                 61
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
SOURCE #
                               0,000E+00
                                                 0.000E+00
                                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                                                                              0.000E+00
                                                 0.000E+00
0.000E+00
SOURCE #
                63
64
                               0.000E+00
                               0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                         0.000E+00
SOURCE #
                 65
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                       0.000E+00
                                                                                     0.000E+00
4.343E-06
                                                                                                                                                             0.000E+00
SOURCE #
                66
67
                               0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                           4,336E-06
0.000E+00
                                                                    0.000E+00
                                                                                                        4.343E-06
                                                                                                                                                             0.000E+00
                                                                                                                                                             0.000E+00
                                                                                                       0.000E+00
SOURCE #
                 68
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                     4.944E-04
                                                                                                       4.944E-04
                                                                                                                         0.000E+00
                                                                                                                                          4.936E-04
                                                                                                                                                             0.000E+00
                    SUM = 0.000E+00
                                                0.000E+00
                                                                    0.000E+00
                                 ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.400E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
      POLLUTANT Cu
                                                                                                                                                   RESP
                                                                         IMMUN
                                                                                            KIDN
                                                                                                            LIVER
                                                                                                                               REPRO
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                             0,000E+00
                                               0.000E+00
0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                     0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                               0.000E+00
0.000E+00
SOURCE #
                                                                                                                        0.000E+00
                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
                 2
3
                                                                                                                                          0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                     0,000E+00
                                                                                                       0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                                             0,000E+00
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                         0.000E+00
                               0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                   0.000E+00
                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                              0.000E+00
                               0.000E+00
SOURCE #
                  5
                  67
                               0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                       0.000E+00
0.000E+00
                               0.000E+00
0.000E+00
                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                              0.000E+00
                  8
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                             0.000E+00
0.000E+00
                               0.000E+00
                                                 0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                 0,000E+00
0,000E+00
0,000E+00
                                                                                                        0.000E+00
0.000E+00
SOURCE #
                 10
                               0.000E+00
                                                                    0 000E+00
                                                                                     0.000E+00
                               0.000E+00
                                                                                     0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
                                                                    0.000E+00
  URCE #
                11
12
                                                                                                                         0.000E+00
0.000E+00
                               0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                 13
                               0.000E+00
                                                                    0.000E+00
                               0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                              0.000E+00
                14
15
                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                               0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                                                 0.000E+00
0.000E+00
                                                                    0.000E+00
                                                                                     0.000E+00
                                                                                                        0.000E+00
                16
17
                               0.000E+00
                                                                                     0.000E+00
                                                                    0.000E+00
                                                                                                        0.000E+00
                                                                                                                         0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                              0.000E+00
SOURCE #
```

```
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 256
 Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                                                                    Page -
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                                             0 000E+00
                                                                       0.000E+00
                                                                                               0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
      RCE #
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
                        19
                                             0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                        20
                                             0.000E+00
                                             0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
 SOURCE #
                       21
22
                                             0.000E+00
                                                                       0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
 SOURCE #
                                             0.000E+00
                                             0.000E+00
 SOURCE #
                       24
25
                                             0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
 SOURCE #
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
 SOURCE #
                                             0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                                                        0.000E+00
                                             0.000E+00
 SOURCE #
                        2.7
                                             0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                                                                      0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
 SOURCE #
                                             0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
                                                                      0.000E+00
                                                                                                                                                     0.000E+00
 SOURCE #
                        30
                                             0.000E+00
                                                                       0.000E+00
                                                                                                 0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                        31
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
 SOURCE #
                        32
                                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
 SOURCE #
                        33
                                                                                                                                                     0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                        35
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                     0.000E+00
                        36
37
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                        38
SOURCE #
                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                        39
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                        41
42
                                             0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                                                     0 000E+00
                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                                      0.000E+00
                                                                                               0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                        44
                                             0.000E+00
0.000E+00
                                                                                                                                                    0.00QE+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                                      0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
 SOURCE #
SOURCE #
                                             0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                              0.000E+00
                        47
                        48
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                           0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                        49
 SOURCE #
                        50
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                                             0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
 SOURCE #
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                        52
53
                                            0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
 SOURCE #
                                             0.000E+00
                                                                      0.000E+00
                                                                                                 0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                        55
56
57
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                                           0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
 SOURCE #
                                             0.000E+00
                                                                       0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                               0.000E+00
 SOURCE #
                        58
59
                                             0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
 SOURCE #
                                             0.000E+00
                                             0.000E+00
                                                                       0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                               0.000E+00
 RCE #
                                                                      0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
                       61
62
                                            0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
                                                                       0.000E+00
                                                                                                 0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                               0.000E100
 SOURCE #
                                                                                                 0.000E+00
0.000E+00
                       64
65
                                             0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                       0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                       66
67
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                             0.000E+00
                                                                       0.000E+00
                                                                                                 0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                              0.000E+00
                                                                       0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
 SOURCE #
                                             0.000E+00
                                                                                                 0.000E+00
                                                                        0.000E+00
                                                                                                 0.000E+00
                                                                                                                                                                               0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
 SOURCE #
                                             0.000E+00
                                                                                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 257
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
 Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                   Output File: g:\ace\GQ91\GQTPACE.OUT
                           {\tt SUM} = 0.000{\tt E} + 00 \quad 
                                               ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.600E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
         POLIJITANT HCHO
                                                                                                                                                             LIVER
                                                                                                                                                                                      REPRO
                                                                                                                                                                                                                                            SKIN
                                                                                    CNS
                                                                                                         TMMIIN
SOURCE #
                                             0.000E+00
                                                                     0.000E+00
                                                                                                 0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                            0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
                          5
                                                                                                                                                     0.000E+00
                                                                                                                                                    0.000E+00
 SOURCE #
 SOURCE #
                                                                      0.000E+00
                                                                                                 0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                     0,000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                      0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                0.000E+00
SOURCE #
                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
                          8
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                    0.000E+00
                                                                                               0.000E+00
0.000E+00
                                                                      0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
 SOURCE #
                                             0.000E+00
                                                                      0.000E+00
                                                                                                                           0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                0.000E+00
 SOURCE #
SOURCE #
                       11
12
                                            0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                       13
                                                                      0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                            0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                       14
15
                                                                                                                                                    0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                       16
17
                                            0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                 0.000E+00
0.000E+00
 SOURCE #
                                                                                                                                                                              0.000E+00
0.000E+00
SOURCE #
                       18
                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                  0.000E+00
SOURCE #
SOURCE #
                                            0.000E+00
0.000E+00
0.000E+00
                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                       20
21
                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                       22
                                                                                                                                                     0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                                                                                                                                  0.000E+00
                       23
24
25
                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
 SOURCE #
                                             0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
    TRCE #
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                                                                                  0.000E+00
ORCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                       26
27
                                                                      0.000E+00
0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                              0.000E+00
0.000E+00
                       28
                                                                       0.000E+00
                                            0.000E+00
0.000E+00
                       29
30
                                                                      0.000E+00
0.000E+00
                                                                                                 0.000E+00
                                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                               0.000E+00
                                                                                                                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                                                              0.000E+00
                                                                                                                                                     0.000E+00
```

```
0.000E+00
0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                            0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
               32
33
                            0.000E+00
                            0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
    RCE #
                                                                                              0 000E+00
                                                                                                              0.000E+00
               34
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0 000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                             0.000E+00
    RCE #
               35
                            0.000E+00
               36
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                               0 000E+00
    RCE #
                            0.000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
SOURCE #
               37
                            0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
               38
                            0.000E+00
SOURCE #
                            0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                                                               0.000E+00
SOURCE #
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                            0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
0.000E+00
               40
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0 000E+00
               41
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
SOURCE #
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page - 258
GOLDEN OUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP
                                                             Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
                                                                                                                                               0.000E+00
                            0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                              0.000E+00
0.000E+00
SOURCE #
                                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
                                                                                                                                               0.000E+00
                                             0.000E+00
0.000E+00
                            0.000E+00
0.000E+00
               45
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
               46
47
                            0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
               48
                            0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                            0.000E+00
SOURCE #
               49
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
SOURCE #
               50
                            0.000E+00
                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
SOURCE #
SOURCE #
                                            0.000E+00
0.000E+00
               51
52
                            0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
0.000E+00
               53
54
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                            0.000E+00
                                                                                              0 000E+00
                                                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
0.000E+00
SOURCE #
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
SOURCE #
               55
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
                            0.000E+00
0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
               56
57
                                             0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                            0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
                                                                                                                               0.000E+00
0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
               59
                            0.000E+00
                                             0.000E+00
                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
               60
                                                                                                                               0.000E+00
0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
               61
                                                                                                                                               0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
SOURCE #
               62
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                             0.000E+00
0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
               63
                                                                                                                               0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0 000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                              0.000E+00
SOURCE #
               65
                            0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
               66
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
SOURCE
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
               67
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
SOURCE
               68
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                 SUM = 0.000E + 00
                                             0.000E+00
                                                             0.000E+00
                                                                             0 000E+00
                                                                                              0 000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                              ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 7.000E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT HCN
                                                                                                                                     RESP
                                                                                                                                                      SKIN
                                                                  IMMUN
                                                                                    KIDN
                                                                                                   LIVER
                                                                                                                   REPRO
                                                     CNS
SOURCE #
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
SOURCE #
SOURCE #
                3
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                             0.000E+00
0.000E+00
SOURCE #
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
SOURCE #
SOURCE #
SOURCE #
                6
7
                            0.000E+00
                                             0.000E+00
                                             0.000E+00
0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                                              0 000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                             0.000E+00
SOURCE #
                9
                            0.000E+00
                                             0.000E+00
                                             0.000E+00
0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
               10
                                                                                                                                               0.000E+00
                            0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                            0.000E+00
0.000E+00
                                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
               13
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
               14
15
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                             0.000E+00
                                                                                              0.000E+00
                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
               16
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                              * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                       11/07/95
                                                                                                                                                     09:51:16
                                                                                                                                                                    Page -
                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                            0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
               19
                            0.000E+00
0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                              0.000E+00
0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
SOURCE #
               21
                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
SOURCE #
               22
                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
               23
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
              24
25
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
               26
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                                              0.000E+00
                                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                                                              0.000E+00
                                                             0.000E+00
0.000E+00
               27
28
                            0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
                                                                                                              0.000E+00
0.000E+00
               29
                            0.000E+00
                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                            0.000E+00
0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                                                               0.000E+00
               30
                            0.000E+00
               31
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
                            0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
                            0.000E+00
                                             0.000E+00
                                                             0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                                              0.000E+00
               33
                            0.000E+00
                            0.000E+00
                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
SOURCE #
               34
                                                                                              0.000E+00
                            0.000E+00
0.000E+00
0.000E+00
                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                                               0.000E+00
IRCE #
RCE #
ORCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                               0.000E+00
0.000E+00
                                                                                                              0.000E+00
0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
               36
                                                                                              0.000E+00
                                                                                              0.000E+00
               37
                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
               38
                            0.000E+00
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                             0.000E+00
0.000E+00
                                                                             0.000E+00
0.000E+00
                                                                                                                               0.000E+00
               39
                            0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                            0.000E+00
0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
               40
                                                             0.000E+00
                                                                              0.000E+00
                                                                                              0.000E+00
                                                                                                              0.000E+00
                                                                                                                               0.000E+00
                                                                                                                                               0.000E+00
```

0.000E+00

0 000E+00

0.000E+00

SOURCE #

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                  0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                                                                                                                                0.000E+00
                            44
                                                      0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
SOURCE #
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                      0.000E+00
                                                                                     0.000E+00
                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                0,000E+00
      RCE #
                            47
                                                      0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                     0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                0 000E+00
JRCE #
SOURCE #
SOURCE #
                                                      0.000E+00
                            48
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                      0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                     0.000E+00
0.000E+00
                             50
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                   0.000E+00
                                                                                                                    0.000E+00
                            51
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                            53
                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
1.975E-03
5.024E-03
2.154E-02
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
SOURCE #
SOURCE #
                             55
                                                     0.000E+00
                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                            56
57
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
SOURCE #
                             58
                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                 0.000E+00
                            59
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                            60
                                                     0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                   0.000E+00
0.000E+00
                            61
62
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                            63
                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                           64
65
66
                                                    0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                    0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
SOURCE #
                            68
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                                                                               11/07/95 09:51:16
                                                                                                                                                                                                                                                                                                                      Page - 260
                                 \mathtt{SUM} = 0.000E + 00 \quad 2.857E - 02 \quad 0.000E + 00 \quad 0.000E + 0.0
                                                        ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 1.500E+00 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 4.300E-04
          POLLUTANT Pb
                                                                                                                               IMMUN
                                                                                                                                                                KIDN
                                                                                                                                                                                             LIVER
                                                                                                                                                                                                                            REPRO
                                                                                                                                                                                                                                                              RESP
                                                                                                                                                                                                                                                                                             SKIN
                                                                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                      5.287E-08 5.287E-08
9.671E-08 9.671E-08
2.670E-07 2.670E-07
                                                                                                                    5.287E-08
                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                    5.287E-08
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                  5.287E-08
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                   9.671E-08
2.670E-07
4.590E-07
9.762E-07
                                                                                                                                                   9.671E-08
2.670E-07
4.590E-07
9.762E-07
                                                                                                                                                                                                                9.671E-08
2.670E-07
4.590E-07
9.762E-07
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                  2.670E-07
4.590E-07
9.762E-07
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                 0.000E+00
                                                      4.590E-07
9.762E-07
                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                   1.025E-06
1.362E-06
8.704E-08
1.859E-06
2.010E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                    1.025E-06
                                                                                                                                                                                                                 1.025E-06
                                                                                 1.025E-06
1.362E-06
8.704E-08
1.059E-06
2.010E-06
1.992E-05
8.833E-06
1.924E-06
1.278E-05
6.031E-06
1.109E-07
2.481E-07
4.509E-07
1.244E-06
2.104E-06
4.167E-06
5.122E-06
4.080E-07
8.725E-06
9.034E-06
9.034E-06
                                                                                                                   1.025E-06
1.362E-06
8.704E-08
SOURCE #
                                                                                                                                                                                                                 1.362E-06
8.704E-08
1.859E-06
                                                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                   1.362E-06
8.704E-08
  QURCE #
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                   1.859E-06
2.010E-06
                                                      1.859E-06
                                                  2.010E-06
1.992E-07
1.909E-05
                                                                                                                                                                                                                2.010E-06
1.992E-07
1.909E-05
8.833E-06
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                   0.000E+00
                           10
11
12
13
 JRCE #
                                                                                                                                                   1.992E-07
1.909E-05
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                    1.992E-07
                                                                                                                   1.909E-05
8.833E-06
                                                  1.909E-05
8.833E-06
1.924E-06
1.924E-05
6.031E-06
1.109E-06
2.481E-07
4.509E-07
1.244E-06
4.375E-06
4.167E-06
5.122E-06
4.080E-07
SOURCE #
                                                                                                                                                    8.833E-06
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                   1.083E-06
1.924E-06
                                                                                                                                                                                                                1.083E-06
1.924E-06
1.278E-05
                            14
15
SOURCE #
                                                                                                                   1.083E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                                   1.924E-06
1.278E-05
                                                                                                                                                    1.278E-05
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                            16
17
                                                                                                                                                                                                               1.278E-05
6.031E-06
1.109E-06
2.481E-07
4.509E-07
1.244E-06
2.104E-06
                                                                                                                                                                                                                                                                               0.000E+00
                                                                                                                                                    6.031E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                    6.031E-06
                                                                                                                                                                                                                                                                                0.000E+00
                                                                                                                   1.109E-06
2.481E-07
4.509E-07
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                    1.109E-06
                             18
                                                                                                                                                   2.481E-07
4.509E-07
1.244E-06
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                            19
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                  0.000E+00
0.000E+00
                             20
                                                                                                                   1.244E-06
2.104E-06
4.375E-06
                             21
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                    2.104E-06
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
                            22
23
                                                                                                                                                                                                                4.375E-06
4.167E-06
5.122E-06
                                                                                                                                                    4.375E-06
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                     4.167E-06
5.122E-06
                                                                                                                                                    4.167E-06
5.122E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
                            25
                                                  4.080E-07
8.725E-06
9.034E-06
9.153E-07
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                      4.080E-07
                                                                                                                     4.080E-07
                                                                                                                                                    4.080E-07
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                4.080E-07
                            26
27
                                                                                                                                                                                                                 8.725E-06
9.034E-06
                                                                                                                     8.725E-06
9.034E-06
9.153E-07
                                                                                                                                                    8.725E-06
9.034E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
                            28
29
 SOURCE #
                                                                                                                                                                                                               9.153E-07
7.958E-07
1.456E-06
4.020E-06
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                     9.153E-07
                                                  7.958E-07
1.456E-06
4.020E-06
                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                             30
                                                                                                                     7.958E-07
                                                                                                                                                    7.958E-07
                                                                                                                                                    1.456E-06
                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                  1.456E-06
4.020E-06
                                                                                                                     1.456E-06
4.020E-06
                            31
                                                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                    4.020E-06
                                                                                                                                                                                                                6.911E-06
1.470E-05
1.544E-05
2.050E-05
1.310E-06
2.799E-05
                                                   6.911E-06
1.470E-05
1.544E-05
                                                                                                                     6.911E-06
1.470E-05
1.544E-05
                                                                                                                                                    6.911E-06
1.470E-05
1.544E-05
                            33
                                                                                   6.911E-06
                                                                                                                                                                                   0.000E+00
SOURCE # 33
SOURCE # 34
SOURCE # 36
SOURCE # 37
SOURCE # 38
SOURCE # 39
SOURCE # 40
SOURCE # 41
SOURCE # 42
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                   1.470E-05
1.544E-05
2.050E-05
1.310E-06
2.799E-05
                                                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                     2.050E-05
                                                                                                                                                    2.050E-05
1.310E-06
                                                                                                                                                                                   0.000E+00
0.000E+00
                                                    2.050E-05
                                                                                                                     1.310E-06
2.799E-05
                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
                                                      1.310E-06
                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
                                                      2.799E-05
                                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 3.027E-05
2.998E-06
7.332E-06
                                                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                      3.027E-05
                                                                                     3.027E-05
                                                                                                                     3.027E-05
                                                                                                                                                    3.027E-05
                                                                                                                                                                                   0.000E+00
                                                   2.998E-06
7.332E-06
                                                                                  2.998E-06
7.332E-06
                                                                                                                     2.998E-06
7.332E-06
                                                                                                                                                    2.998E-06
7.332E-06
                                                                                                                                                                                 0.000E+00
0.000E+00
                                                      5.013E-06
                                                                                     5.013E-06
                                                                                                                     5.013E-06
                                                                                                                                                    5.013E-06
                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                 5.013E-06
                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 261
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                                                                                                                                        Page - 261
                                                                                                                                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                    6.925E-06
1.761E-06
4.449E-07
                                                                                                                                                                                                                  6.925E-06
 SOURCE #
                                                                                                                    6.925E-06
1.761E-06
4.449E-07
5.705E-07
1.221E-06
2.702E-06
6.084E-07
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                      1.761E-06
4.449E-07
                                                                                                                                                                                                                1.761E-06
4.449E-07
5.705E-07
                                                                                                                                                    1.761E-06
                                                                                                                                                                                                                                                                                0.000E+00
0.000E+00
                            44
SOURCE # SOURCE #
                                                                                                                                                    4.449E-07
5.705E-07
                                                                                                                                                                                                                                                                                 0.000E+00
                            46
                                                                                     5.705E-07
1.221E-06
2.702E-06
 SOURCE #
                                                      5.705E-07
                                                      1.221E-06
2.702E-06
                                                                                                                                                                                                                  1.221E-06
2.702E-06
6.084E-07
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                    1.221E-06
2.702E-06
                                                                                                                                                                                                                                                                                 0.000E+00
 SOURCE #
                                                                                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                   0.000E+00
0.000E+00
URCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                     6.084E-07
                                                                                                                                                                                                                                                                                 0.000E+00
                            49
50
51
52
53
                                                                                      6.084E-07
                                                    6.084E-07
                                                 1.188E-06
3.002E-07
3.849E-07
8.233E-07
1.823E-06
                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                     1.188E-06
3.002E-07
3.849E-07
                                                                                      1.188E-06
                                                                                                                                                     1.188E-06
                                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                 1.188E-06
```

0.000E+00 0.000E+00

3.002E-07

3.849E-07

8.233E-07

1.823E-06

8.233E-07

1.823E-06

3.002E-07 3.849E-07 8.233E-07

1.823E-06

3.002E-07 3.849E-07

0.000E+00 3.849E-07 0.000E+00 0.000E+00 8.233E-07 0.000E+00 0.000E+00 1.823E-06 0.000E+00

0.000E+00 0.000E+00

```
4.106E-07
4.415E-06
1.116E-06
                                                                                        4.106E-07
                                                                                                                4.106E-07
                                                                                                                                       0.000E+00
                                                                                                                                                              4.106E-07
                                                                                                                                                                                     0.000E+00
                                                                                                                                                                                                              0.000E+00
SOURCE #
                     55
56
57
58
                                         4.106E-07
4.415E-06
                                                                                        4.415E-06
1.116E-06
1.431E-06
                                                                                                                4.415E-06
1.116E-06
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                              4.415E-06
1.116E-06
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
                                          1.116E-06
                                                                1.431E-06
3.060E-06
                                                                                                                1.431E-06
                                                                                                                                       0 000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                                         1 431E-06
  OURCE #
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
RCE #
RCE #
SOURCE #
                      59
                                          3.060E-06
                                                                                        3.060E-06
                                                                                                                3.060E-06
                                                                                                                                       0.000E+00
                                                                                                                                                              3.060E-06
                                                                6.776E-06
1.526E-06
0.000E+00
                                                                                                                                                              6.776E-06
1.526E-06
                                          6.776E-06
                                                                                        6.776E-06
1.526E-06
                                                                                                                6.776E-06
1.526E-06
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                     61
62
63
                                         1.526E-06
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                        D.000E+00
                                                                                                                0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                              0.000E+00
                                                                                                                                                                                                              0.000E+00
                                         0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                                                0.000E+00
                     64
65
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                      66
                                         0.000E+00
                                   0.000E+00
                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
SOURCE #
                                                                                                                                                              0.000E+00
                      67
                                                                                                                                                                                                              0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                2,723E-04
                                                                                                                                       0.000E+00
                                                                                                                                                              2.723E-04
                                                                                                                                                                                      0 000E±00
                                                                                                                                                                                                              0.000E+00
                         SUM = 2.723E-04
                                                                2.723E-04
                                                                                        2.723E-04
                                           ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 4.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
        POLLUTANT Mn.
                                                                                                                         KIDN
                                                                                                                                              LIVER
                                                                                                                                                                     REPRO
                                                                                                                                                                                                RESP
                                                                                                                                                                                                                       SKIN
                                                                            CNS
                                                                                               IMMUN
                                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                       0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                                                                                           0.000E+00
                                                              0.000E+00
                                                                                                             0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                       2
                                         0.000E+00
                                                                                                               0.000E+00
                       3 4 5
                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                               0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                                            0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
                                         0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                             0,000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                       .
9
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                         0.000E+00
SOURCE #
                                                                                                                D.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                                             0.000E+00
                     10
11
                                        0.000E+00
                                         0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
                     12
13
                                                                                                                                                                                                              0.000E+00
                                                                                                                                       0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                                         0.000E+00
                                                                                                                                                                                                              D.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                      14
                                          0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                     15
16
                                                                                        0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0,000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN FROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                               * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
IT 11/07/95 09:51:16 Page - 262
SOURCE #
SOURCE #
SOURCE #
RCE #
RCE #
SOURCE #
SOURCE #
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                          0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                          0.000E+00
                     20
21
                                          0.000E+00
                                          0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                              0.000E+00
                                                                                                                                                                                      0.0002+00
                                                                                                                                                                                                             0.000E+00
                     22
23
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                             0.000E+00
                                          0.00DE+00
                                                                 0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                               0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                     24
25
26
27
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                          0,000E+00
                                                                 0.000E+00
                                                                                                                0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                                       0.000E+00
                                        0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
                     28
29
30
                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                               0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                     32
33
                                        0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                                0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                        0.000E+00
0.000E+00
                      35
                                        0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                                             0.000E+00
                     36
37
                                                                                                                                                                                                             0.000E+00
                                        0.000E+00
                                                                0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                      38
                                        0.D00E+D0
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                                        0.000E+00
                      39
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0,000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                             0.000E+00
                      40
                                                                                                                                                                                                              0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                      41
                                        0.000E+00
                                                               0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
SOURCE # SOU
                     42
43
                                        0.000E+00
                                                                 0.000E+00
                                                                                                                                       0.000E+00
                                        0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                     44
                                                                                                                                        0.000E+00
                                                                                                                                                                                                             0.000E+00
                     46
47
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                                                                       0.000E+00
                                                                 0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                                                                              0.000E+00
                                        0.000E+00
                      48
                      49
                                          0.000E+00
                                                               0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                             0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                        0.000E+00
                                                               0.000E+00
                                                                                        0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
                      51
52
                                        0.000E+00
0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                     53
54
55
                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
                                          0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                                                                       0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                        0.000E+00
0.000E+00
                                        0.000E+00
0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                      56
57
58
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                                                                                                                                                             0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                              0.000E+00
0.000E+00
                                          0.000E+00
                                                                0.000E+00
0.000E+00
                                        0.000E+00
                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                      59
                                          0.000E+00
                                                                 0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                 0.000E+00
0.000E+00
                      60
                                        0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                      61
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                      62
                                          0.000E+00
                                                                 0.000E+00
                                                                                         0.000E+00
                                                                                                                D.000E+00
                                                                                                                                                               0.000E+00
                                                                                                                                                               0.000E+00
SOURCE #
TURCE #
RCE #
                     63
64
65
                                          0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                         0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
RCE #
SOURCE #
                                                                                        0.000E100
0.000E+00
                                                                                                                                       0.000E100
0.000E+00
                     66
67
                                         0.000E+00
0.000E+00
                                                                 0.000E100
0.000E+00
                                                                                                                0.000E100
0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0.000E+00
                                                                                                                                                               0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                                                                      0.000E+00
                                                                                                                                                                                                              0...000E+00
```

GOLDEN OUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP

* OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *

Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page -Input File: g:\ace\GQ91\GQTPACE.DAT SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00POLLUTANT Hg ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 3.000E-04 IMMUN KIDN LIVER REPRO RESP CV CNS 1 2 3 4 SOURCE #
SOURCE # 8 10 11 12 13 14 15 16 17 19 20 22 23 25 26 28 29 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 30 31 33 34 35 SOURCE # 35 SOURCE # 36 RCF # 37 3CF # 38 0.000E+00 3CF # 38 0.000E+00 3CF # 39 SOURCE # 40 SOURCE # 40 SOURCE # 41 0.000E+00 SOURCE # 42 0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * T 11/07/95 09:51:16 Page - 264 TSP Output File: g:\ace\GQ91\GQTPACE.OUT G. 000E+00 0.000E+00 SOURCE # 43
SOURCE # 44
SOURCE # 45
SOURCE # 47
SOURCE # 48
SOURCE # 49
SOURCE # 50
SOURCE # 51
SOURCE # 52
SOURCE # 53
SOURCE # 53 0.000E+00 0,000E+00 0.000E+00 0,000E+00 0.000E+00 54 55 56 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 SOURCE # 0.000E+00 0.000E+00 0.000E+00 0.000E+00 SOURCE # SOURCE # 0.000E+00 57 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 SOURCE #
SOURCE # 0.000E+00 0.000E+00 0.000E+00 58 59 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 60 0.000E+00 0.000E+00 0.000E+00 0.000E+00 61 62 0.000E+00 0.000E+00 0,000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 63 64 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0-000E+00 0.000E+000.000E+00 0.000E+00 0.000E+00 0,000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 66 67 0.000E+00 0.000E+00

ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.400E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00 POLLUTANT Ni

0.DODE+00

0.000E+00

0.000E+00

3		CV	CNS	IMM UN	KIDN	LIVER	REPRO	RESP	SKIN
RCE #	1 2	0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.258E-09 5.958E-09	3.258E-09 5.958E-09	0.000E+00 0.000E+00	0.000E+00 0.000E+00	3.258E-09 5.958E-09	0.000E+00 0.000E+00
SOURCE #	3	0.000E+00	0.000E+00	1,645E-08	1,645E-08	0.000E+00	0.000E+00	1.645E-08	0.000E+00
SOURCE #	4	0,000E+00	0.000E+00	2.828E-08	2.828E-08	0.000E+00	0.000E+00	2.828E-08	0.000E+00
SOURCE #	5	0.000E+00	0.000E+00	6.015E-08	6.015E-08	0.000E+00	0.000E+00	6.015E-08	0.000E+00

SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00

```
6.318E-08
8.391E-08
5.363E-09
1.145E-07
1.239E-07
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                          6.318E-08
8.391E-08
5.363E-09
                                                                                                                   6,318E-08
8,391E-08
5,363E-09
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                                                                    0.000E+00
0.000E+00
SOURCE #
                                          0.000E+00
                                                                 0.000E+00
SOURCE #
SOURCE #
                                           0.000E+00
                                                                  0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                          0.000E+00
                                                                   0.000E+00
                                                                                           1.145E-07
                                                                                                                    1.145E-07
                                                                                                                                           0 000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                                                                                                                                                    D.000E+00
                                                                                                                                                                                                                    0.000E+00
      RCE #
                                                                  0.000E+00
0.000E+00
                                                                                           1.239E-07
1.227E-08
                                                                                                                                           0.000E+00
                                           0.000E+00
                                                                                                                    1 239E-07
SOURCE #
                                                                                                                                            0.000E+00
                                                                                                                                                                                          1.227E-08
                                                                                                                                                                                                                    0.000E100
                                                                                                                    1.227E-08
                                          0.000E+00
                                           0.000E+00
                                                                  0.000E+00
                                                                                           1.177E-06
5.447E-07
                                                                                                                    1.177E-06
5.447E-07
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                                            1.177E-06
                                                                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
                                                                  0.000E+00
                                          0.000E+00
                                                                                                                                                                                          6.679E-08
1.186E-07
7.881E-07
                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                  0.000E+00
                                                                                           6.679E-08
                                                                                                                                           0.000E+00
                                                                                                                                                                    0.000E+00
                      14
15
16
17
                                          0.000E+00
                                                                                                                    6.679E-08
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                           1.186E-07
7.881E-07
                                                                                                                   1.186E-07
7.881E-07
                                                                                                                                                                   0.000E+00
0.000E+00
                                          0.000E+00
                                          0 000E+00
                                                                                           3.720E-07
                                                                                                                   3.720E-07
                                                                                                                                           0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                                            3.720E-07
                                                                                                                                                                                                                    0.000E+00
                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                       11/07/95 09:51:16
                                                                                                                                                                                                                                                   Page - 265
                                                                                                                                                                    0.000E+00
                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                           0.00000
SOURCE #
                                                                                                                  1.529E-08
2.779E-08
7.672E-08
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          1.529E-08
2.779E-08
7.672E-08
                                                                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                           1.529E-08
2.779E-08
7.672E-08
                                          0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                                                                                                                                                         7.672E-08 0.000E+00
1.297E-07 0.000E+00
2.698E-07 0.000E+00
3.157E-07 0.000E+00
2.514E-08 0.000E+00
5.379E-07 0.000E+00
5.567E-07 0.000E+00
6.173E-08 0.000E+00
1.129E-07 0.000E+00
                      21
22
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                   0.000E+00
                                                                                            1.297E-07
                                                                                                                    1,297E-07
                                                                                                                                           0.000E+00
                                          0.000E+00
0.000E+00
                                                                  0.000E+00
0.000E+00
                                                                                           2.698E-07
2.568E-07
                                                                                                                   2.698E-07
2.568E-07
3.157E-07
                                                                                                                                           0.000E+00
0.000E+00
                       23
                      24
25
                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                                                                  0.000E+00
                                                                                            3.157E-07
SOURCE #
                                                                                                                   2.514E-08
5.379E-07
                      26
27
                                                                 0.000E+00
0.000E+00
                                                                                           2.514E-08
5.379E-07
                                                                                                                                                                    0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                   0.000E+00
0.000E+00
                       28
                                                                 0.000E+00
                                                                                            5.567E~07
                                                                                                                    5.567E-07
                                        0.000E+00
0.000E+00
                                                                                                                    5.641E-08
6.173E-08
                                                                 0.000E+00
0.000E+00
                                                                                            5.641E-08
                       29
                                          0.000E+00
0.000E+00
                                                                                           6.173E-08
1.129E-07
                                                                                                                                           0.000E+00
                                                                                                                                                                    0.000E+00
                       30
                      31
32
33
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          1.129E-07
3.117E-07
5.358E-07
                                                                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                    1.129E-07
                                         0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                            3.117E-07
                                                                                                                    3.117E-07
                                                                                            5.358E-07
                                                                                                                    5,358E-07
                                                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                          1.139E-06
1.197E-06
1.590E-06
1.016E-07
                      34
                                                                                                                    1.139E-06
1.197E-06
                                                                                                                                                                                                                   0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                            1.139E-06
                                                                                            1.197E-06
                                          0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                    1.590E-06
                      36
37
                                                                                           1.016E-07
2.170E-06
2.347E-06
2.325E-07
2.845E-07
                                                                 0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                    1.016E-07
                                                                                                                   1.016E-07
2.170E-06
2.347E-06
2.325E-07
2.845E-07
                                                                                                                                                                                          2.170E-06
2.347E-06
2.325E-07
2.845E-07
1.946E-07
2.688E-07
                                                                                                                                                                                                                   0.000E+00
                                          0.000E+00
0.000E+00
                       38
                                                                                                                                                                                                                   0.000E+00
0.000E+00
                       39
                                                                   0.000E+00
                                                                                                                                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                       40
                                          0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                          0.000E+00
0.000E+00
                      41
42
                                                                                           1.946E-07
2.688E-07
1.365E-07
3.448E-08
                                                                   0.000E+00
                                                                                                                    1.946E-07
                                                                                                                                           0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                          2.688E-07
1.365E-07
3.448E-08
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                          0.000E+00
                                                                                                                    2.688E-07
                                                                                                                                                                                                                    0.000E+00
                                                                                                                    1.365E-07
                      44
45
                                          0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                            4.421E-08
SOURCE #
SOURCE #
TURCE #
                      46
                                                                 0.000E+00
0.000E+00
                                                                                           4.421E-08
9.460E-08
                                                                                                                    4.421E-08
9.460E-08
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                    0.000E+00
                                          0.000E+00
                                                                                                                                                                                          4.421E-08
9.460E-08
2.095E-07
4.719E-08
9.211E-08
2.327E-08
2.984E-08
6.382E-08
1.413E-07
3.183E-08
                                          0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                       48
                                                                                            2.095E-07
                                                                                                                    2.095E-07
                                                                                                                                           0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                           4.719E-08
9.211E-08
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                    4.719E-08
9.211E-08
                                                                                                                                           0.000E+00
0.000E+00
                       49
                                          0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
JRCE #
                      50
51
                                          0.000E+00
                                                                                            2.327E-08
                                                                                                                    2.327E-08
                                                                                                                                           0.000E+00-
                                                                                                                                                                    0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                           2.984E-08
6.382E-08
1.413E-07
                                                                 0.000E+00
0.000E+00
                                                                                                                    2.984E-08
6.382E-08
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                       52
                                                                                                                                                                                                                 0.000E+00
SOURCE #
                       53
54
55
56
57
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                           3.183E-08
3.423E-07
8.647E-08
                                                                                                                    3.183E-08
SOURCE #
SOURCE #
                                          0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    3.423E-07
                                                                                                                                                                                          8.647E-08
1.109E-07
                                                                                                                    8.647E-08
                                                                                                                                           0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                       58
59
60
                                        0.000E+00
0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    1.109E-07
2.372E-07
                                                                                            1.109E-07
2.372E-07
                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                             2.372E-07
                                                                                                                                                                                                                   0.000E+00
                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                           5.251E-07
1.183E-07
                                                                                                                                                                                                                   0,000E+00
0,000E+00
                                                                                            5.251E-07
                                                                                                                    5.251E-07
                                                                                                                                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                    1.183E-07
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                            1.183E-07
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
                       61
                                                                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                                            0.000E+00
                      62
63
                                                                                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                                                            0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                  0.000E+00
                                                                                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                                            0.00DE+00
                                                                                                                                                                                            0.000E+00
SOURCE # 65
SOURCE # 66
SOURCE # 67
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                    0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
                                         0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                            0.000E+00
                                           0,000E+00
                                                                                            0.000E+00
                                                                 0.000E+00
                                                                                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                           0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                    * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 266
 Input File: g:\ace\GQ91\GQTPACE.DAT
                           SUM = 0.000E+00 0.000E+00 1.884E-05 1.884E-05 0.000E+00 0.000E+00 1.884E-05 0.000E+00
        POLLUTANT NAPTH ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 1.400E+01 BACKG, (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 4.000E-03
                                                                                                                                                 I.TVER
                                                                                                                                                                           REPRO
                                                                                                                                                                                                     RESP
                                                                                                  IMMUN
                                                                                                                             KTDN

        0.000E+00
        <t
SOURCE # 1
SOURCE # 2
SOURCE # 3
SOURCE # 4
SOURCE # 5
                                         0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                          0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                            0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                          0.000E+00
                                                                 0.000E+00
                                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
                                          0.000E+00
                                          0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                            0.000E+00
 SOURCE #
SOURCE #
FOURCE #
                                          0.000E+00
0.000E+00
                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                           0.000E+00
0.000E+00
0.000E+00
                      1ó
                                                                                                                                                                                                                     0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                    0.000E+00
SOURCE #
                                                                  0.000E+00
0.000E+00
                      12
13
                                          0.000E+00
                                                                                            0.000E+00
                                                                                                                    0.000E+00
                             0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                            0.000E+00
                                                                                                                                                                    0.000E+00
                                                                                                                                                                                             0.000E+00
                                                                                                                                                                                                                     0.000E+00
                      14
15
16
                                                                                                                                                                    0.000E+00
0.000E+00
                                                                                                                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                                                                     0.000E+00
0.000E+00
                                                                   0.000E+00
                                                                                            0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                            0.000E+D0
                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                                            0.000E+00
0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                            0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00
                                                                                                                    0.000E+00
                                                                                                                                                                                                                     0.000E+00
                                                                                           0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                                                                     0.000E+00
```

```
Q.000E+00
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
SOURCE #
                           0=000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                                                                        0.000E+00
SOURCE #
              19
20
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                        0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                           0.000E+00
                                                                                                        0.000E+00
                                                                                                        0.000E+00
                           0.000E\pm00
              21
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
CE #
              22
23
24
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
                                                                                                        0.000E+00
                                                                                                         0.0002+00
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
SOURCE #
                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
0.000E+00
SOURCE #
              26
27
                                                                         0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                          0,000E+00
                                                                                         D.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
                           0.000E+00
                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
              29
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
              30
                                                                                                                                       0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
SOURCE #
                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
              32
33
                           0.000E+00
0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
SOURCE #
                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000£+00
                           0.000E+00
              35
36
SOURCE #
SOURCE #
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0,000E+00
                                                                                                                                       0,000E+00
SOURCE #
              37
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                          0.000E+00
SOURCE #
                           0.000E+00
              38
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
              39
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
SOURCE #
SOURCE #
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
              40
                                          0.000E+00
                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
              41
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0,000E+00
                                                                                                                                       0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                        * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * 11/07/95 09:51:16 Page ~ 267
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                        0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
                                          0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                        0.000E+D0
0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
                                          0.000E+00
                                                                                                                                       0.000E+00
                                          0.000E+00
0.000E+00
                           0.000E+00
              45
                           0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
              46
              47
                           0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
                                                                                                                                        0.000E+00
                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
              48
                                                                                                                        0.000E+00
0.000E+00
              49
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                                       0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                          0.000E+00
0.000E+00
                                                                                                         0.000E+00
SOURCE #
               50
                           0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
              51
52
                           0.000E+00
0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
               53
                           0.000E+00
                                          0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0-000E+00
                                                                                                         0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0,000E+00
              54
55
                           0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
               56
                           0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
SOURCE #
              57
58
                           0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                           0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
RCE #
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
               59
                           0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                           0.000E+00
0.000E+00
              60
                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
              61
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
    RCE #
              62
                           0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0,000E+00
                           0.000E+00
                                                                          0,000E+00
SOURCE #
              63
64
                                                                                                                                       0.000E+00
                                                                                         0.000E+00
0.000E+00
                           0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                                                                                                         0,000E+00
                                                                                                                        0.000E+00
SOURCE #
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
              65
                           0.000E+00
                                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                           0.000E+00
0.000E+00
                                           0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
SOURCE #
              66
67
                                                                                                        0.000E+00
0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                           0.000E+00
                                                                                         0.000E+00
SOURCE #
              68
                                           0.000E+00
                                                          0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        D.000E+00
                                                                                                                                       0 000E+00
                 SUM = 0.000E + 00
                                          0.000E+00
                                                          0.000E+00
                            ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 5.000E-01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
     POLLUTANT Se
                                                               IMMUN
                                                                                                             REPRO
                                                                                                                                              SKIN
                                                  CNS
                                                                                KIDN
                                                                                                                                       0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                        0.000E+00
SOURCE #
                           0.000E+00
                                                          0.000E+00
                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+0D
                                                                                                                        0,000E+00
                                                                                                                                        0.000E+00
SOURCE #
                           0.000E+00
               2
                           0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                          0.000E+00
0.000E+00
                                                          0.000E+00
SOURCE #
               5
                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
                           0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
               6
7
8
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                          0.000E+00
0.000E+00
                           0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
SOURCE #
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         D.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
                           0.000E+00
0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.D00E+00
                                                                                         0.000E+00
                                                                                                         D.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
SOURCE #
                                                                                                                        0.000E+00
0.000E+00
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                          0.000E+00
0.000E+00
                                                                          0.000E \pm 00
SOURCE #
              10
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                           0.000E+00
SOURCE #
              11
                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
SOURCE #
                           0.000E+00
                                          0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
                                                                                                                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                         0.000E+00
              14
15
                           0.000E+00
                                                                                                                        0.000E+00
0.000E+00
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                                                                                                         0.000E+00
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
SOURCE #
              17
                           0.000E+00
                                           0.000E+00
                                                                                                         * OUTPUT OF AMI/SECAPCD ACE2588 MODEL VERS. 93288 *
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP ** Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                11/07/95 09:51:16
                                                                                                                                                            Page -
                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                         0.000E±00
                                                                                                         0.000E+00
                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                         0.000E+00
                                                                                         0.000E+00
                                                                                                                                        0.000E+00
SOURCE #
              19
                           DEDOCE+00
                                           0.000E+00
0.000E+00
                                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
                           0.000E+00
SOURCE #
SOURCE #
SOURCE #
RCE #
                                                                                                                                       0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                        0.000E+00
0.000E+00
              21
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                          0.000E+00
              22
23
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
                           0.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
0.000E+00
              24
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
JRCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                        0.000E+00
              25
26
27
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                           0.000E+00
                                           0.000E+00
0.000E+00
                                                          0.000E+00
                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                                         0.000E+00
0.000E+00
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                                         0.000E+00
                                                                                                         0.000E+00
                                                                         0.000E+00
              28
29
                           0.000E+00
                                           0.000E+00
                                                          0.000E+00
                                                          0.000E+00
                                                                          0.000E+00
                                                                                         D.000E+00
                                                                                                         0.000E+00
                                                                                                                        0.000E+00
                                                                                                                                        0.000E+00
                           0.000E+00
                                           0.000E+00
```

```
SOURCE #
                 30
31
                                                                        0.000E+00
0.000E+00
                                                                                            0,000E+00
0,000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                  0.000E+00
                                                     0.000E+00
                                                     0.000E+00
 SOURCE #
                  32
                                 0.000E+00
   RCE #
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                          0.000E+00
                                  0.000E+00
                  33
                                                     0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.00DE+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                  34
                                  0.000E+00
                  35
                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                                         0.000E+00
SOURCE #
                  36
                                                                                                                                                                         0.000E+00
                                                     0.000E+00
0.000E+00
                  37
                                 0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
SOURCE #
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                                          0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                  38
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                         0.000E+00
                  39
                                                                                                                                                                         0.000E+00
                                                     0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                     D.000E+00
D.000E+00
                  40
SOURCE #
                                 0.000E+00
0.000E+00
0.000E+00
SOURCE #
                  41
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
SOURCE #
                  42
                                                     0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                  43
                                                                                            0.000E+00
SOURCE #
                                                                                            0.000E+00
                                0.000E+00
0.000E+00
                 44
45
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                  0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                  46
                                                                                            0.000E+00
                                                                                            0.000E+00
                                                                                                                                                                         0.000E+00
                 47
48
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                  49
                                                    0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                 50
51
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                    0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                  52
                  53
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                 54
55
56
57
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                 58
59
                                                    0.000E+00
0.000E+00
                                                                                           0.000E+00
0.000E+00
                                                                                                                                                                          0,000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                  ãá.
                                                     0.000E+00
                                                                                            0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                 61
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                          0.000E+00
SOURCE #
SOURCE #
                                                                         0.000E+00
                 62
63
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                 64
65
                                 0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
SOURCE #
SOURCE #
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                 66
67
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      0 000E+00
                                                                                                                                                                          0-000E+00
SOURCE
                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * IT 11/07/95 09:51:16 Page - 269
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                 0.000E+00 0.000E+00 0.000E+00
                     SUM = 0.000E+00 0.000E+00
                                                                         0.000E+00 0.000E+00 0.000E+00
                                 ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 2.000E+02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
       POLICITANT TOL
                                                                               IMMUN
                                                                                                    KIDN
                                                                                                                     LIVER
                                                                                                                                         REPRO
                                                                                                                                                              RESP
                                                                                                                                                                                  SKIN
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                         0.D00E+00
                                                    0 000E+00
SOURCE #
                   1
2
                                 0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                    0.000E+00
                                                                         0.000E+00
                                                                                                                                   0,000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                   3 4 5
                                                                                                                                   0.000E+00
                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                   6
7
8
                                                                                            0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                          0.000E+00
SOURCE #
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                   0.000E+00
                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
0.000E+00
SOURCE #
                                 0.000E+00
                                                                                            0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
0.000E+00
SOURCE #
                 10
11
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                                                         0.000E+00
                                0.000E+00
                                                    0.D00E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
SOURCE #
                                                                                                                                   0.000E+00
                                                                                                                                                                         0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                    0.000E+00
0.000E+00
                                                                        0.000E+00
0.000E+00
SOURCE #
                                                                                            0.000E+00
                                                                                                                0.000E+00
                 13
SOURCE #
SOURCE #
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0,000E+00
                                                                                                                                                                         0.DD0E+00
                 14
15
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                0.000E+00
                 16
17
18
                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                          0.000E+00
SOURCE #
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                    0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                 19
20
                                                                         0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                         0.000E+00
SOURCE #
SOURCE #
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
                                                    0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                         0.000E+00
                  21
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
                  22
                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                 0.000E+00
                                0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                                          0.000E+00
SOURCE #
                 23
                 24
25
SOURCE #
                                                    0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                     0.000E+00
                                                                                                                                                                         0.000E+00
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
SOURCE #
                                                    0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
SOURCE #
SOURCE #
                 26
27
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                                     0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                  28
                                 0.000E+00
SOURCE #
                                 0.000E+00
0.000E+00
                                                                                                                0.000E+00
                                                                                                                                                                         0.000E+00
                 29
30
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                    0.000E+00
0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                  31
                                 0.000E+00
                                                                                                                                   0.000E+00
                                 0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
                 32
                                                                                                                                                     0.000E+00
0.000E+00
0.000E+00
                 33
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                                          0.000E+00
                                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                         0.000E+00
0.000E+00
                                 0.000E+00
                                                                         0.000E+00
0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                 0.000E+00
0.000E+00
                 35
36
                                                                         0.000E+00
                                                                                            0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                          0.000E+00
                                                                                            0.000E+00
0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
SOURCE #
                                  0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
SOURCE #
SOURCE #
VRCE #
VRCE #
SOURCE #
                                                                                                                0.000E+00
                                 0.000E+00
0.000E+00
0.000E+00
                 38
                                                     0.000E+00
                                                                         0.000E+00
                                                                                            0.000E+00
0.000E+00
0.000E+00
                                                     0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                          0.000E+00
                 39
                                                                                                                0.000E+00
                                                                                                                                                                          0.000E+00
0.000E+00
                 40
                                                     0.000E+00
                                                                         0.000E+00
                                                    0.000E100
0.000E+00
                                                                                                                0.000E+00
                 41
42
                                 0.000E100
0.000E+00
                                                                         0.000E+00
                                                                         0.000E+00
                                                                                                                0.000E+00
                                                                                                                                   0.000E+00
                                                                                                                                                      0.000E+00
                                                                                                                                                                          0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 270
Input File: g:\ace\GQ91\GQTPACE.DAT
                                                                                                                                                                                                  Page - 270
```

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                      0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                                                                                                                                                                              0.000E+00
                    44
45
46
                                      0.000E+00
0.000E+00
                                                           0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                              0.000E+00
                                                           0 000E+00
0 000E+00
0 000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                            0 000E+00
    TRCE #
                                      0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                    47
                                      0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                       0.000E+00
                                                                                                                            0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                              0 000E+00
     RCE #
                                                                                                                                                                                              0.000E+00
                                      0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                     0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
SOURCE #
                    50
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                 0.000E+00
                    51
SOURCE #
                                                                                                                                                                                              0.000E+00
                                                           0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                    53
54
55
SOURCE #
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                       0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                             0.000E+00
SOURCE #
                                                                                0.000E+00
0.000E+00
                                    0.000E+00
                                   0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                    56
57
58
                                                                                                                             0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
SOURCE #
                                                                                0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                    59
60
SOURCE #
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                                                                                                                              0.000E+00
                                                           0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                    61
                                                                                                                                                                                              0.000E+00
0.000E+00
                    62
                                                                                                       0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                            0.000E+00
                                                                                 0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                              0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                    65
66
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                            0.000E+00
                                                                                 0.000E+00
                                                                                                                             0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                                                                  0.000E+00
                                      0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0 000E+00
                    68
                                                                                                                            0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                       0.000E+00
                                                                                 0.000E+00
                       SUM =
                                      0.000E+00
                                                            0.000E+00
                                      ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.000E+02 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
       POLLUTANT XYLEN
                                                                                                               KIDN
                                                                                                                                  I.TVER
                                                                                                                                                         REPRO
                                                                                                                                                                                 RESP
                                                                                                                                                                                                       SKIN
                                                                                        IMMUN
                                                                      CNS

        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00

        0.000E+00
        0.000E+00
        0.000E+00

SOURCE #
SOURCE #
SOURCE #
                     1
2
3
                                                                                                      0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                     4
5
6
7
                                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                              0.000E+00
                                      0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                          0.000E+00
                                                                                                       0.000E+00
                                                                                                                             0.000E+00
SOURCE #
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                      0.000E+00
                                                           0.000E+00
                                                                                                                             0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
FRCE #
FRCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                             0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                              0.000E+00
                                     0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                      8
9
                                                                                                        0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                      0.000E+00
                                                                                                                             0.000E+00
                    10
                                                                                                                             0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                              0.000E+00
                                      0.000E+00
0.000E+00
                    11
12
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                                                             0.000E+00
                                                                                                                             0.000E+00
                                      0.000E+00
                                                           0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                        0.000E+00
                                                          0.000E+00
0.000E+00
                   14
15
                                      0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                      0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
                                      0.000E+00
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                   * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
T 11/07/95 09:51:16 Page - 271
                                                                                                                                                                                                                          Page - 271
                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
                                                                                                       0.000E+00 0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                        0.000E+00
SOURCE #
                                      0.000E+00
                                                                                                                           0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                0.000E+00
0.000E+00
                                     0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
                                                                                                                                                  0.000E+00
SOURCE #
SOURCE #
                    19
20
                                                                                                      0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                      0.000E+00
                                                                                 0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
SOURCE #
SOURCE #
                                     0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                              0.000E+00
                    22
23
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                 0.000E+00
                                                                                 0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                                                              0.000E+00
                    25
SOURCE #
                                      0.000E+00
                                                                                 0.000E+00
                                    0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                       0.000E+00
                                                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
                    26
27
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                    0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                              0.000E+00
SOURCE #
                    29
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                                                                                                        0.000E+00
                    30
                                                                                                       0.000E+00
0.000E+00
                    31
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                    32
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                    33
                                                            0.000E+00
                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                                                                                   0.000E+00
                                                          0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                    0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
SOURCE #
SOURCE #
                    35
                                     0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                                                                  0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                              0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                    37
                                    0.000E+00
                                                           0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                              0.000E+00
                                    0.000E+00
0.000E+00
0.000E+00
                                                          0.000E+00
0.000E+00
SOURCE #
SOURCE #
                    38
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                    39
                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
SOURCE #
                                     0.000E+00
0.000E+00
                    41
                                                                                                                            0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                    42
                                      0.000E+00
                                                           0.000E+00
                                                                                 0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
                                                           0.000E+00
0.000E+00
                    44
                                     0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                       0.000E+00
0.000E+00
                    46
                                      0.000E+00
                                                           0.000E+00
                                                                                  0.000E+00
                                                                                                                                                                                              0.000E+00
                                      0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                  0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
                    48
                                                                                                                             0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                  0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                                                              0.000E+00
SOURCE #
SOURCE #
VRCE #
                                                            0.000E+00
0.000E+00
                                                                                                        0.000E+00
                    50
                                      0.000E+00
                                                                                  0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                        0.000E+00
                    51
52
                                      0.000E+00
0.000E+00
                                                                                                                             0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
JRCE #
JURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                    53
54
55
56
57
                                      0.000E+00
0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                              0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                             U.000E+00
0.000E+00
0.000E+00
                                                                                  0.000E+00
                                                                                                        0.000E+00
                                                                                                                                                   0.000E+00
                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                   0.000E+00
0.000E+00
                                                                                                        0.000E+00
0.000E+00
                                                            0.000E+00
                                     0.000E+00
0.000E+00
                                                            0.000E+00
0.000E+00
                                                                                                        0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                   0.000E+00
                                                                                                                                                                       0.000E+00
                                      0.000E+00
                                                          0.000E+00
                                                                                 0.000E+00
                                                                                                        0.000E+00
                                                                                                                             0.000E+00
                                                                                                                                                  0-000E+00
```

0.000E+00

0.000E+00

```
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
SOURCE #
SOURCE #
SOURCE #
                      59
60
                                                                                                                 0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
0.000E+00
                      61
                                          0.000E+00
                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                          0.000E+00
                      62
                                                                                                                                                                                                                  0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                      63
                                          0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                  0.000E+00
SOURCE #
SOURCE #
                      64
                                          0.000E+00
                                                                                          0.000E+00
                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                          0.000E+00
                                                               0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                      66
                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                         0.000E+00
                      67
                                                                                                                                                                                                                  0.000E+00
                                                                                          0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                 0.000E+00
                                                                                                                                                                                          0.000E+00
SOURCE #
                                                                                                                                                                 * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
JT 11/07/95 09:51:16 Page - 272
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
Input File: g:\ace\GQ91\GQTPACE.DAT
                          SUM = 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
                                           ACCEPTABLE EXPOSURE LEVEL (ug/m3) = 3.500E+01 BACKG. (ug/m3) = 0.000E+00 ORAL DOSE (mg/kg-d) = 0.000E+00
        POLLUTANT Zn
                                                                                                                                              LIVER
                                                                                                                                                                        REPRO
                                                                                                                                                                                                   RESP
                                                                             CNS
                                                                                                TMMTIN
                                                                                                                           KIDN

        0.000E+00
        <t
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                  1
2
3
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                        6
7
8
                                         0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
                                                                                                                                         0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                          0.000E+00
                        ā
                                          0.000E+00
SOURCE #
                                         0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                          0.000E+00
                      10
                                                                                                                                          0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                      11
                      12
                                         0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                        0.000E+00
                                                                                                                  0.000E+00
                      13
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                          0.000E+00
                      15
                                          0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                      16
                                        0.000E+00
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
CURCE #
COURCE #
COURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                      18
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                      20
21
                                         0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                       0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
                      22
23
24
25
                                                                                                                                          0.000E+00
                                          0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                          0 000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                         0.000E+00
                      26
27
                                         0.000E+00
0.000E+00
                                                                                                                                                                 0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                      28
29
                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                         0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
SOURCE #
SOURCE #
SOURCE #
                      30
                                                                                        0.000E+00
0.000E+00
0.000E+00
                                                                0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                         0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                      32
                                                                                                                                                                                        0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
SOURCE #
                      33
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                      35
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                      36
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                          0.000E+00
                                                                 0.000E+00
                                                                                          0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                  0.000E+00
                      38
                                         0.000E+00
0.000E+00
                                                                  0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                      40
                                          0.000E+00
                                                                  0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
                      41
                                         0.000E+00
                                                                  0.000E+00
                                                                                                                  0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                          0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                         0.000E+00
                                                                  0.000E+00
SOURCE #
                      42
GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * Input File: g:\ace\GQ91\GQTPACE.OUT Output File: g:\ace\GQ91\GQTPACE.OUT
                                                                                                                                                                  * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 *
                                                                                                                                                                                                      11/07/95 09:51:16 Page -
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
SOURCE #
                                                                                                                0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                                                0.000E+00 0.000E+00
0.000E+00 0.000E+00
0.000E+00 0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                          0.000E+00
                                          0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                          0.000E+00
                                          0.000E+00
                      44
45
                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
0.000E+00
                                          0.000E+00
                                                                0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                      47
                                                                0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
                      48
                                                                                                                                          0.000E+00
                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
                                         0.000E+00
                                                                                                                                                                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
0.000E+00
SOURCE #
                                                                                                                                                                                         0.000E+00
                                                                                                                                          0.000E+00
                                         0.000E+00
0.000E+00
0.000E+00
                      50
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                          0.000E+00
                                                                                                                                                                  0.000E+00
                      51
52
                                                                                         0.000E+00
0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                       53
                                         0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                                  0.000E+00
                      54
55
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                0.000E+00
0.000E+00
                                                                                         0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                                                         0.000E+00
                      57
                                                                                                                                                                                                                0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
                       58
                                         0.000E+00
                                                                  0.000E+00
                                                                                         0.000E+00
                                                                                                                   0.000E+00
                                                                                         0.000E+00
0.000E+00
                                         0.000E+00
0.000E+00
                                                                 0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                  0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                                  0.000E+00
                                                                                                                                                                                                                 0.000E+00
SOURCE #
                      60
                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                                                                                                                                                 0.000E+00
                                         0.000E+00
                                                                  0.000E+00
                                                                                         0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                      61
                                                                                                                                                                                                                  0.000E+00
                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                          0.000E+00
 SOURCE #
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                                                                         0.000E+00
0.000E+00
0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                                                                                                                  0.000E+00
                                          0.000E+00
0.000E+00
SOURCE #
                      63
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                           0.000E+00
                                                               0.000E+00
0.000E+00
0.000E+00
0.000E+00
RCE #
                      65
66
67
                                          0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                                           0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                  0.000E+00
0.000E+00
0.000E+00
                                                                                                                                          0.000E+00
0.000E+00
0.000E+00
                                                                                          0.000E+00
                                                                                                                   0.000E+00
                                                                                                                                                                                         0.000E+00
                                                                                                                                                                                                                   0.000E+00
                                                                                                                                                                                        0.000E+00
0.000E+00
                                                                                                                                                                                                                  0.000E+00
0.000E+00
                                                                                      0.000E+00
0.000E+00
                                                                                                                  0.000E+00
0.000E+00
 SOURCE #
                      68
                                          0.000E+00
                                                                                                                                                                0.000E+00 0.000E+00 0.000E+00
                          SUM = 0.000E+00 0.000E+00 0.000E+00
                                                                                                                0.000E+00
                                                                                                                                           0 000E+00
```

0.000E+00

0.000E+00 0.000E+00

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 274

*** SUMMARY OF MAXIMUM PREDICTED RISKS ***

CANCER RISK ASSESSMENT

SIGNIFICANT RISK LEVEL = 1.000E-06 IMPACT ZONE RISK LEVEL = 1.000E-07 MAXIMUM PEAK RISK = 1.128E-05 PREDICTED AT RECEPTOR # 134 TOTAL EXCESS BURDEN = 0.000E+00

153 RECEPTORS WITH RISK EXCEEDING SIGNIFICANT RISK LEVEL OF 1.000E-06

12	47	48	49	50	51	67	68	69	70
71	72	73	75	76	77	78	79	91	92
93	94	95	96	97	98	99	100	101	102
103	104	105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120	121	122
123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142
143	144	145	146	147	148	149	152	164	165
166	176	177	178	179	180	181	182	193	194
195	196	197	198	199	200	201	202	203	204
205	206	207	208	209	210	211	212	213	214
215	216	217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232	233	234
235	236	237	238	239	240	241	242	243	244
245	513	538	539	540	562	563	564	565	587
588	656	683							

ACUTE EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX # 0.5000
MAXIMIM HAZARD INDEX FOR AN ENDPOINT - 0.0302
PREDICTED AT RECEPTOR # 40

O RECEPTORS WITH HAZARD INDEX .GE. 0.5000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 275

CHRONIC EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX = 0.5000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT = 0.0297
PREDICTED AT RECEPTOR # 69

O RECEPTORS WITH HAZARD INDEX .GE. 0.5000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

GOLDEN QUEEN MINING - SOLEDAD MTN PROJECT - ALL RECEPTORS, 1991 MET, TSP * OUTPUT OF AMI/SBCAPCD ACE2588 MODEL VERS. 93288 * Input File: g:\ace\GQ91\GQTPACE.DAT Output File: g:\ace\GQ91\GQTPACE.OUT 11/07/95 09:51:16 Page - 276

*** END OF ACE2588 SIMULATION ***